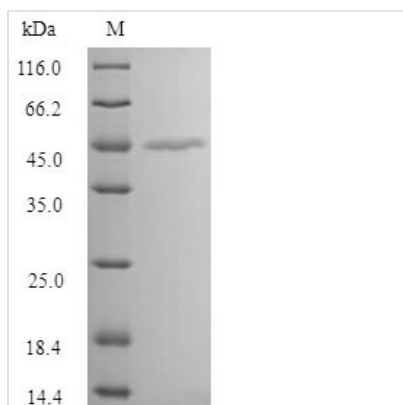




# Recombinant Human Melanoma-associated antigen 1 (MAGEA1)

|                            |                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | CSB-MP013323HU                                                                                                                                                                                                                                                                                                                                                  |
| <b>Relevance</b>           | May be involved in transcriptional regulation through interaction with SNW1 and recruiting histone deacetylase HDAC1. May inhibit notch intracellular domain (NICD) transactivation. May play a role in embryonal development and tumor transformation or aspects of tumor progression. Antigen recognized on a melanoma by autologous cytolytic T-lymphocytes. |
| <b>Storage</b>             | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.                                                                                 |
| <b>Uniprot No.</b>         | P43355                                                                                                                                                                                                                                                                                                                                                          |
| <b>Alias</b>               | Antigen MZ2-E Cancer/testis antigen 1.1 Short name: CT1.1 MAGE-1 antigen                                                                                                                                                                                                                                                                                        |
| <b>Product Type</b>        | Recombinant Protein                                                                                                                                                                                                                                                                                                                                             |
| <b>Immunogen Species</b>   | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                            |
| <b>Purity</b>              | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                     |
| <b>Sequence</b>            | MSLEQRSLHCKPEEALEAQQEALGLVCVQAATSSSSPLVLGTLEEVPTAGSTD<br>PPQSPQGASAFPTTINFTRQRQPSEGSSSREEEGPSTSCILESLFRAVITKKVA<br>DLVGFLLLKYRAREPVTKAEMLESVIKNYKHCFPEIFGKASESLQLVFGIDVKEA<br>DPTGHSYVLVTCLGLSYDGLLDGNQIMPKTGFLIIVLVMAMEGGHAPEEEIWE<br>ELSVMEVYDGREHSAYGEPRKLLTQDLVQEKYLEYRQVPDSDPARYEFLWGP<br>RALAETSYVKVLEYVIKVSARVRFFFPSLREAALREEEEGV                        |
| <b>Lead Time</b>           | Delivery time may differ from different purchasing way or location, please kindly consult your local distributors for specific delivery time.                                                                                                                                                                                                                   |
| <b>Research Area</b>       | Cancer                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>              | Mammalian cell                                                                                                                                                                                                                                                                                                                                                  |
| <b>Gene Names</b>          | MAGEA1                                                                                                                                                                                                                                                                                                                                                          |
| <b>Expression Region</b>   | 1-309aa                                                                                                                                                                                                                                                                                                                                                         |
| <b>Notes</b>               | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                             |
| <b>Tag Info</b>            | N-terminal Flag-Myc-tagged                                                                                                                                                                                                                                                                                                                                      |
| <b>Mol. Weight</b>         | 38.8 kDa                                                                                                                                                                                                                                                                                                                                                        |
| <b>Protein Description</b> | Full Length                                                                                                                                                                                                                                                                                                                                                     |
| <b>Image</b>               |                                                                                                                                                                                                                                                                                                                                                                 |



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.