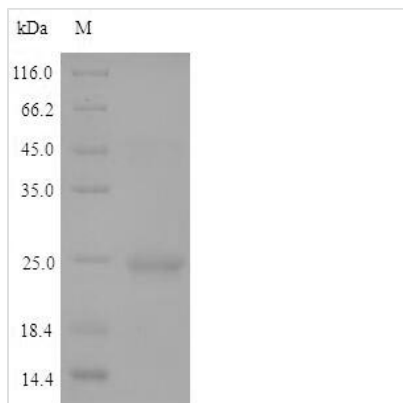




Recombinant Mouse-ear cress Histone deacetylase HDT2 (HDT2)

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|----------------------------|--|
| Product Code | CSB-YP684969DOA |
| Relevance | Probably mediates the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. |
| Abbreviation | HDT2 |
| Storage | 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. |
| Uniprot No. | Q56WH4 |
| Alias | HD-tuins protein 2 Histone deacetylase 2b |
| Product Type | Recombinant Protein |
| Immunogen Species | Arabidopsis thaliana (Mouse-ear cress) |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Sequence | MEFWGVAVTPKNATKVTPEEDSLVHISQASLDCTVKSGESVVLSTVGGAKLV IGTLSQDKFPQISFDLVDFKEFELSHSGTKANVHFIGYKSPNIEQDDFTSSDDE DVPEAVPAPAPTAVTANGNAGAAVVKADTKPKAKPAEVKPAEEKPESDEEDE SDDEDESEEDDDSEKGMVDVEDDSDDDDEEEDSEDEEEEEETPKKPEPINKKRP NESVSKTPVSGKKAKPAAAPASTPQKTEKKKKGGHTATPHPAKKGGKSPVNA NQSPKSGGQSSGGNNKKPFNSGKQFGGSNNKGSNKGKGKGRA |
| Lead Time | 3-7 business days |
| Research Area | Others |
| Source | Yeast |
| Gene Names | HDT2 |
| Protein Names | HD-tuins protein 2 Histone deacetylase 2b |
| Expression Region | 1-306aa |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | N-terminal 6xHis-tagged |
| Mol. Weight | 34.3 kDa |
| Protein Description | Full Length |
| Image | |



(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.