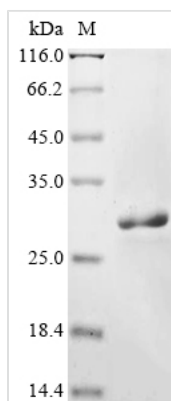




# Recombinant BK polyomavirus Small t antigen

|                            |                                                                                                                                                                                                                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | CSB-EP323595BGZ                                                                                                                                                                                                                                                                 |
| <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>         | P15000                                                                                                                                                                                                                                                                          |
| <b>Form</b>                | Liquid or Lyophilized powder                                                                                                                                                                                                                                                    |
| <b>Storage Buffer</b>      | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.                                                      |
| <b>Product Type</b>        | Recombinant Protein                                                                                                                                                                                                                                                             |
| <b>Immunogen Species</b>   | BK polyomavirus (strain AS) (BKPyV)                                                                                                                                                                                                                                             |
| <b>Purity</b>              | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                     |
| <b>Sequence</b>            | MDKVLNREESMELMDLLGLERAAWGNLPLMRKAYLKKCKEFHPDKGGDEDK<br>MKRMNTLYKKMEQDVKVAHQPDFGTWNSSEVCADFPLCPDTLYCKEWPICS<br>KKPSVHCPCMLCQLRLRHLNRKFLRKEPLVWIDCYCIDCFQWFGDLTEETL<br>QWWVQIIGETPFRDLKL                                                                                          |
| <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>       | Others                                                                                                                                                                                                                                                                          |
| <b>Source</b>              | E.coli                                                                                                                                                                                                                                                                          |
| <b>Gene Names</b>          | N/A                                                                                                                                                                                                                                                                             |
| <b>Expression Region</b>   | 1-172aa                                                                                                                                                                                                                                                                         |
| <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 10xHis-tagged and C-terminal Myc-tagged                                                                                                                                                                                                                              |
| <b>Mol. Weight</b>         | 27.9 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<sup>o</sup>/-80<sup>o</sup>. Our default final concentration of glycerol is 50%. Customers could use it as reference.