

## Recombinant Mouse Reep3 Protein, Myc/DDK-tagged

**Cat. No.** Reep3-5451M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length receptor accessory protein 3 (Reep3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                                                                             |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | Microtubule-binding protein required to ensure proper cell division and nuclear envelope reassembly by sequestering the endoplasmic reticulum away from chromosomes during mitosis. Probably acts by clearing the endoplasmic reticulum membrane from metaphase chromosomes. |
| <b>Molecular Mass</b>   | 29.2 kDa                                                                                                                                                                                                                                                                     |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                  |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                                |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                                                                                               |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                                                                             |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                        |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

|                 |                                                                                        |
|-----------------|----------------------------------------------------------------------------------------|
| Gene Name       | Reep3 receptor accessory protein 3 [ Mus musculus (house mouse) ]                      |
| Official Symbol | Reep3                                                                                  |
| Synonyms        | REEP3; receptor accessory protein 3; receptor expression-enhancing protein 3; D10Ucla1 |
| Gene ID         | 28193                                                                                  |
| mRNA Refseq     | NM_178606                                                                              |
| Protein Refseq  | NP_848721                                                                              |
| UniProt ID      | Q99KK1                                                                                 |

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