

## Recombinant Mouse Gripap1 Protein, Myc/DDK-tagged

Cat. No. Gripap1-3310M Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length GRIP1 associated protein 1 (Gripap1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.   |
| <b>Species</b>          | Mouse  |
| <b>Source</b>           | HEK293   |
| <b>Description</b>      | Regulates the endosomal recycling back to the neuronal plasma membrane, possibly by connecting early and late recycling endosomal domains and promoting segregation of recycling endosomes from early endosomal membranes. Involved in the localization of recycling endosomes to dendritic spines, thereby playing a role in the maintenance of dendritic spine morphology. Required for the activity-induced AMPA receptor recycling to dendrite membranes and for long-term potentiation and synaptic plasticity. |
| <b>Molecular Mass</b>   | 92.7 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   |

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** Gripap1 GRIP1 associated protein 1 [ Mus musculus (house mouse) ]

**Official Symbol** Gripap1

**Synonyms** GRIPAP1; GRIP1 associated protein 1; GRIP1-associated protein 1; HCMV-interacting protein; Sfc10; GRASP-1; AI854681; DXImx47e; mKIAA1167

**Gene ID** 54645

**mRNA Refseq** NM\_207670

**Protein Refseq** NP\_997553

**UniProt ID** Q8VD04

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