

Recombinant Mouse Gripap1 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length GRIP1 associated protein 1 (Gripap1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	92.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>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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