

Recombinant Mouse Gorasp1 Protein, Myc/DDK-tagged

Cat. No. Gorasp1-3274M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length golgi reassembly stacking protein 1 (Gorasp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays an important role in assembly and membrane stacking of the Golgi cisternae, and in the reassembly of Golgi stacks after breakdown during mitosis. Key structural protein required for the maintenance of the Golgi apparatus integrity: its caspase-mediated cleavage is required for fragmentation of the Golgi during apoptosis. Also mediates, via its interaction with GOLGA2/GM130, the docking of transport vesicles with the Golgi membranes. Mediates ER stress-induced unconventional (ER/Golgi-independent) trafficking of core-glycosylated CFTR to cell membrane.
Molecular Mass	46.9 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 Gorasp1 golgi reassembly stacking protein 1 [Mus musculus (house mouse)]

Official Symbol Gorasp1

Synonyms GORASP1; golgi reassembly stacking protein 1; Golgi reassembly-stacking protein 1; golgi peripheral membrane protein p65; golgi reassembly-stacking protein of 65 kDa; P65; GOLPH5; GRASP65; 5430411C10Rik

Gene ID 74498

mRNA Refseq NM_028976

Protein Refseq NP_083252

UniProt ID Q91X51

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