

## Recombinant Mouse Gorasp1 Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length golgi reassembly stacking protein 1 (Gorasp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	46.9 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** 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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