

## Product datasheet for TP507123

### Gorasp1 (NM\_028976) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse golgi reassembly stacking protein 1 (Gorasp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207123 protein sequence Red=Cloning site Green=Tags(s)

MGLGASSEQPAGGEGFHLHGVDQENSPAQQAGLEPYDFIITIGHSRLNKENDTLKALLKANVEKPKVLEVFNMKTMKVREVEVWPSNMWGGQGLLGASVRFCSFRRASEHVWHVLDVEPSSPAALAGLCPYTDYIVGSDQILQESEDFFTLIESHEGKPLKLMVYNSESDESCREVTVTPNAAWGGEGSLGCGIGYGLHRIPTQPSSQHKKPPGATPPGTPATTSQLTAFPLGAPPPWPIQDSSGPELGSRQSDFMALPQVPGSFMEGQLLPGGSPSHGAADCGGCLRAMEIPLQPPPPVQRVMDPGFLDVSMSLLDSSNISVCPSLSSTVLTSTAVSVSGPEDIGSSSSSHERGGGEATWSGSEFEISFPDSPAQAQADHLPRLLPDGLTSAASPEEGLSAELLEAQTEEPADTASLDCRAETEGRASQAQATPDPEPGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	46.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_083252</a>
Locus ID:	74498



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UniProt ID: [Q91X51](#), [Q3TCN5](#)

RefSeq Size: 3483

Cytogenetics: 9 F4

RefSeq ORF: 1341

Synonyms: 5430411C10Rik; GOLPH5; GRASP65; P65

**Summary:** 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 (By similarity). Also mediates, via its interaction with GOLGA2/GM130, the docking of transport vesicles with the Golgi membranes (By similarity). Mediates ER stress-induced unconventional (ER/Golgi-independent) trafficking of core-glycosylated CFTR to cell membrane (By similarity).[UniProtKB/Swiss-Prot Function]