

## Product datasheet for **TP310076M**

### GRASP65 (GORASP1) (NM\_031899) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human golgi reassembly stacking protein 1, 65kDa (GORASP1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210076 protein sequence Red=Cloning site Green=Tags(s)

MGLGVSAEQPAGGAEGFHLHGVQENSPAQQAGLEPYFDIITIGHSRLNKENDTLKALLKANVEKPKVLE  
VFNMKTMRVREVEVPSNMWGGQGLLGASVRFCSFRRASEQVWHVLDVEPSSPAALAGLRPYTDYVVGSD  
QILQESEDFFTLIESHEGKPLKLMVYNSKSDSCREVTVPNAAWGGEGSLGCGIGYGYLHRIPTQPPSYH  
KKPPGTPPPSALPLGAPPDALPPGTPEDSPSLETGSRQSDYMEALLQAPGSSMEDPLPGPGSPSHSAP  
DPDGLPHFMETPLQPPPPVQVRMDPGFLDVSGISLLDNSNASVWPSLPSSTELTTAVSTSGPEDICSSS  
SSHERGGEATWSGSEFEVSFLDSPGAQAQADHLPQLTLPDSL TSAASPEDGLSAELLEQAEEEEPASTEG  
LDTGTEAEGLD SQAQISTTE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	46.3 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_114105</a>



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Locus ID: 64689

UniProt ID: [Q9BQQ3](#), [B3KPY8](#), [A0A024R2U5](#)

RefSeq Size: 3789

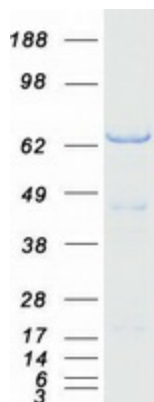
Cytogenetics: 3p22.2

RefSeq ORF: 1320

Synonyms: GOLPH5; GRASP65; P65

**Summary:** The Golgi complex plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum. The protein encoded by this gene is a membrane protein involved in establishing the stacked structure of the Golgi apparatus. It is a caspase-3 substrate, and cleavage of this encoded protein contributes to Golgi fragmentation in apoptosis. This encoded protein can form a complex with the Golgi matrix protein GOLGA2, and this complex binds to the vesicle docking protein p115. Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, Jul 2013]

### Product images:



Coomassie blue staining of purified GORASP1 protein (Cat# [TP310076]). The protein was produced from HEK293T cells transfected with GORASP1 cDNA clone (Cat# [RC210076]) using MegaTran 2.0 (Cat# [TT210002]).