

Product datasheet for **TP310076L**

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), 1 mg

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: [NP_114105](#)



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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]).