

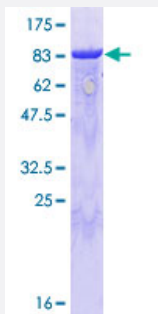
Full-Length

GORASP1 (Human) Recombinant Protein (P01)

Catalog # H00064689-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GORASP1 full-length ORF (NP_114105.1, 1 a.a. - 440 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGLGVSAEQPAGGAEGFHLHGVQENSPAQQAGLEPYFDIITIGH SRLNKENDTLKALLKANVEK
PVKLEVFNMKTMRVREVEVVP SNMWGGQGLLGASVRFCSFRRASEQVWHVLDVEPSSPAALA
GLRPYTDYVVGSDQILQESEDFFTLIESHEGKPLKLMVYNSKSDSCREVTVTPNAAWGGEGLGC
GIGYGLHRIPTQPPSYHKKPPGTPPPSALPLGAPPPDALPPGTPEDSPSLETGSRQSDYMEAL
LQAPGSSMEDPLPGPGSPSHSAPDPDGLPHFMETPLQPPPPVQRVMDPGFLDVSGISLLDNSN
ASVWPSLPSTELTTTAVSTSGPEDICSSSSSSHERGG EATWSGSEFEVSFLDSPGAQAQADHL
PQLTLPDSL TSAASPEDGLSAELLEAQAE EEPASTEGLDTGTEAEGLDSQAQISTTE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

72.9

Interspecies Antigen Sequence

Mouse (82); Rat (81)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GORASP1

Entrez GeneID [64689](#)

GeneBank Accession# [NM_031899.2](#)

Protein Accession# [NP_114105.1](#)

Gene Name GORASP1

Gene Alias FLJ23443, GOLPH5, GRASP65, MGC118894, MGC118897, P65

Gene Description golgi reassembly stacking protein 1, 65kDa

Omim ID [606867](#)

Gene Ontology [Hyperlink](#)

Gene 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. Several alternatively spliced transcript variants of this gene have been identified, but their full-length natures have not been determined. [provided by RefSeq]

Other Designations Golgi peripheral membrane protein p65|Golgi phosphoprotein 5|Golgi reassembly and stacking protein 1|Golgi reassembly and stacking protein, 65 kDa|Golgi reassembly stacking protein 1|OTT HUMP00000161966

Disease

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- [Diabetes Mellitus](#)
- [Edema](#)