

Recombinant Full Length Human GORASP1 Protein, GST-tagged

Cat. No. GORASP1-5482HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GORASP1 full-length ORF (NP_114105.1, 1 a.a. - 440 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	440 amino acids
Description	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]
Molecular Mass	72.9 kDa
AA Sequence	MGLGVSAEQPAGGAEGFHLHGVQENSPAQQAGLEPYFDFIITIGH SRLNKENDTLKALLKANVEKPKVKLEVFNMKTM RVREVEVPSNMWGGQGLLGASVRFC SFRRASEQVWHVLDVEPSSPAALAGLRPYTDYVVGSDQILQESEDFFTLIESHEGKPLKLMVYNSK

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SDSCREVTVTPNAAWGGEGSLGCGIGYGYLHRIPTQPPSYHKKPPGTPPPSALPLG
 APPPDALPPGPTPEDSPSLETGSRQSDYMEALLQAPGSSMEDPLPGPGSPSHSAP
 DPDGLPHFMETPLQPPPPVQRVMDPGFLDVSGISLLDNSNASVWPSLPSSTELTTT
 AVSTSGPEDICSSSSSSHERGGGEATWSGSEFEVSFLDSPGAQAQADHLPQLTLPDSL
 TSAASPEDGLSAELLEQAEEEPASTEGLDTGTEAEGLDSQAQISTTE

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

GORASP1 golgi reassembly stacking protein 1, 65kDa [Homo sapiens]

Official Symbol

GORASP1

Synonyms

GORASP1; golgi reassembly stacking protein 1, 65kDa; golgi phosphoprotein 5, GOLPH5; Golgi reassembly-stacking protein 1; FLJ23443; GRASP65; P65; Golgi phosphoprotein 5; Golgi peripheral membrane protein p65; Golgi reassembly and stacking protein 1; golgi reassembly-stacking protein of 65 kDa; Golgi reassembly and stacking protein, 65 kDa; GOLPH5; MGC118894; MGC118897;

Gene ID

64689

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mRNA Refseq	NM_031899
Protein Refseq	NP_114105
MIM	606867
UniProt ID	Q9BQQ3

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