

Recombinant Human GORASP1 Protein, GST-tagged

Cat. No. GORASP1-5119H 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	Wheat Germ
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	MGLGVSAEQPAGGAEGFHLHGVQENSPAQQAGLEPYDFDIITIGHSRLNKENDTLKALLKANVEKPKVLEVFNMKTMRVREVEVPSNMWGGQGLLGASVRFCSFRRASEQVWHVLDVEPSSPAALAGLRPYTDYVVGSDQILQESEDFFTLIESHEGKPLKLMVYNSKSDSCREVTVTPNAAWGGEGSLGCGIGYGYLHRIPTQPPSYHKKPPGTPPPSALPLGAPPPDALPPGPTPEDSPSLETGSRQSDYMEALLQAPGSSMEDPLPGPGSPSHSAP

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

DPDGLPHFMETPLQPPPPVQRVMDPGFLDVSGISLLDNSNASVWPSLPSSTELTTT
 AVSTSGPEDICSSSSSSHERGGGEATWSGSEFEVSVFLDSPGAQAQADHLPQLTLPDSL
 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
mRNA Refseq	NM_031899

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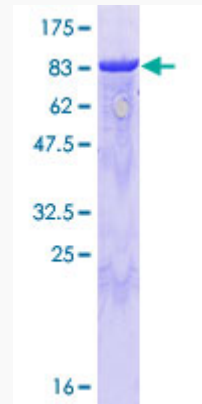
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Protein Refseq NP_114105

MIM 606867

UniProt ID Q9BQQ3

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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