

# Recombinant Full Length Human GORASP1 Protein, GST-tagged

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

## SPECIFICATION

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

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SDSCREVTVTPNAAWGGEGSLGCGIGYGYLHRIPTQPPSYHKKPPGTPPPSALPLG  
 APPPDALPPGPTPEDSPSLETGSRQSDYMEALLQAPGSSMEDPLPGPGSPSHSAP  
 DPDGLPHFMETPLQPPPPVQRVMDPGFLDVSGISLLDNSNASVWPSLPSSTELTTT  
 AVSTSGPEDICSSSSSSHERGGEATWSGSEFEVSFLDSPGAQAQADHLPQLTLPDSL  
 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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<b>mRNA Refseq</b>	NM_031899
<b>Protein Refseq</b>	NP_114105
<b>MIM</b>	606867
<b>UniProt ID</b>	Q9BQQ3

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