

Recombinant Full Length Human GORASP1 Protein

Cat. No. GORASP1-203HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human GRASP65 with proprietary tag; Predicted MWt 74.47 kDa.
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.
Form	Liquid
Molecular Mass	74.470kDa inclusive of tags
AA Sequence	MGLGVSAEQPAGGAEGFHLHGVQENSPAQQAGLEPYFDFIITIGH SRLNKENDTLKALLKANVEKPKVKLEVFNMKTM RVREVEVPSNMWGGQG LLGASVRFC SFRRASEQVWHVLDVEPSSPAALAGLRPYTDYVVGSDQILQ ESEDFFTLIESHEGKPLKLMVYNSK

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SDSCREVTVTPNAAWGGEGSLGCGIGYGYLHRIPTQPPSYHKKPPGTPPPSALPLG
 APPPDALPPGPTPEDSPSLETGSRQSDYMEALLQAPGSSMEDPLPGPGSPSHSAP
 DPDGLPHFMETPLQPPPPVQRVMDPGFLDVSGISLLDNSNASVWPSLPSSTELTTT
 AVSTSGPEDICSSSSSSHERGGGEATWSGSEFEVSFLDSPGAQAQADHLPQLTLPDSL
 TSAASPEDGLSAELLEQAEEEPASTEGLDTGTEAEGLDSQAQISTTE

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

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

Gene ID [64689](#)

mRNA Refseq [NM_031899](#)

Protein Refseq [NP_114105](#)

MIM [606867](#)

UniProt ID [Q9BQQ3](#)

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