

Recombinant Human GORASP1

Cat. No. GORASP1-26151TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human GRASP65 with proprietary tag; Predicted MWt 74.47 kDa.
Species	Human
Source	Wheat Germ
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.
Molecular Weight	74.470kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.31% Glutathione

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MGLGVSAEQPAGGAEGFHLHGVQENSPAQQAGLEPYFDFIITIGH SRLNKENDTLKA LLKANVEKPKVKLEVFNMKTM RVREVEVPSNMWGGQGLLGASVRFC SFRRASEQV WHVLDVEPSSPAALAGLRPYTDYVVGSDQILQESEDFFTLIESHEGKPLKLMVYNSK SDSCREVTVTPNAAWGGEGSLGCGIGYGYLHRIPTQPPSYHKKPPGTPPPSALPLG APPPDALPPGTPPEDSPSLETGSRQSDYMEALLQAPGSSMEDPLPGPGSPSHSAP DPDGLPHFMETPLQPPPPVQRVMDPGFLDVSGISLLDNSNASVWPSLPSSSTELTTT AVSTSGPEDICSSSSSSHERGG EATWSGSEFEVSFLDSPGAQAQADHLPQLTL PDSL TSAASPEDGLSAELLEQAEEEPASTEGLDTGTEAEG LDSQAQISTTE
Sequence Similarities	Belongs to the GORASP family.Contains 1 PDZ (DHR) domain.

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

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Uniprot ID	Q9BQQ3
Chromosome Location	3p22-p21.33
Pathway	Cell Cycle, Mitotic, organism-specific biosystem; DNA Replication, organism-specific biosystem; Golgi Cisternae Pericentriolar Stack Reorganization, organism-specific biosystem; M Phase, organism-specific biosystem; Mitotic M-M/G1 phases, organism-specific biosystem;