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**Product Data Sheet**


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Product Name: GORASP2 Human

Cat. No.: GP23586

Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.

Synonyms Golgi reassembly-stacking protein 2; GRS2; Golgi phosphoprotein 6; GOLPH6; Golgi reassembly-stacking protein of 55 kDa; GRASP55; GORASP2; p59; Golgi reassembly-stacking protein 2; isoform 1.

Amino Acid Sequence  
 MGSSHHHHH SGLVPRGSH MGSMGSSQSV EIPGGGTEGY HVLRVQENSP  
 GHRAGLEPFF DFIVSINGSR LNKDNDTLKD LLKANVEKPV KMLIYSSKTL  
 ELRETSVTPS NLWGGQGLLG VSIRFCFDG ANENVWHVLE VESNSPAALA  
 GLRPHSDYII GADTVMNESE DLFLIETHE AKPLKLYVYN TDTDNCREVI  
 ITPNSAWGGE GSLGCGIGYG YLHRIPTPRF EEGKKISLPG QMAGTPITPL  
 KDFGTEVQLS SVNPPSLSPG GTTGIEQSLT GLSISSTPPA VSSVLSTGVP  
 TVPLLPPQVN QSLTSVPPMN PATTLPGLMP LPAGLPNLPN LNLNLPAPHI  
 MPGVGLPELV NPGLPPLPSM PPRNLPGIAP LPLPSEFLPS FPLVPESSA  
 ASSGELLSSL PPTSNAPSDP ATTTAKADAA SSLTVDVTPP TAKAPTTVED  
 RVGDSTPVSE KPVSAAVDAN ASEP.

Formulation The GORASP2 solution (1mg/1ml) contains Phosphate buffered saline (pH7.4).

**Introduction**

GolgiReassembly Stacking Protein 2, also known as GORASP2, takes part in the assembly and membrane stacking of the Golgi cisternae. Furthermore, GORASP2 is a protein coding gene which regulates the intracellular transport and presentation of various transmembrane proteins.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1%

**Caution: Product has not been fully validated for medical applications. For research use only.**

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HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

GORASP2 Human Recombinant produced in E. coli is a single polypeptide chain containing 475 amino acids (1-452) and having a molecular mass of 49.5kDa. GORASP2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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