Golgi Reassembly-Stacking Protein 2 (GORASP2) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Golgi reassembly-stacking protein 2 (Gorasp2), Recombinant Protein
Full Product Name	Recombinant Rat Golgi reassembly-stacking protein 2 (Gorasp2)
Product Gene Name	Gorasp2 recombinant protein
Product Synonym Gene Name	Gorasp2
Sequence	GSSQSVEIPG GGTEGYHVLR VQENSPGHRA GLEPFFDFIV SISGSRLNKD NDTLKDLLKA NVEKPVKMLI YSSKTLELRE ASVTPSNLWG GQGLLGVSIR FCSFDGANEN VWHVLEVESN SPAALAGLRP HSDYIIGADT VMNESEDLFS LIETHEAKPL KLYVYNTDTD NCREVIITPN SAWGGEGSLG CGIGYGYLHR IPTRPFEEGK KISLPGQMTG TPITPLKDGF TQVQLSSVSP PSLSPPGTAG VEQSLSGLSI SSAPPAVSNV LSTGVPTVPL LPPQVNQSLA SVPPMNPAAT LPSLMPLSAG LPNLPNLPSL SNFNLPAPHI MPGVGLPELG KPGLPPLPSL PPRNVPGIAP LPMPSDFLPS FPLVPEGSSA ASAGEPLSSL PAMGPPSDPV MTTAKADTSS LTVDVMSPAS KVPTTVEDRV SDCTPAMEKP VSAVTDANAS GAS
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	47,221 Da
Sequence Positions	2-454, full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q9R064
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Gorasp2 recombinant protein	The Golgi complex plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum. This protein is involved in establishing the stacked structure of the Golgi apparatus.
Other Notes	Small volumes of Gorasp2 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Gorasp2 purchase	MBS1340530 is a recombinant protein targeting Gorasp2. Also known as Recombinant Rat Golgi reassembly-stacking protein 2 (Gorasp2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Gorasp2. It may not necessarily be applicable to this product.

NCBI GI #	51315736

NCBI GeneID	113961
NCBI Accession #	Q9R064.3
UniProt Primary Accession #	Q9R064
UniProt Related Accession #	Q9R064
NCBI Official Full Name	Golgi reassembly-stacking protein 2
NCBI Official Synonym Full Names	golgi reassembly stacking protein 2
NCBI Official Symbol	Gorasp2
NCBI Official Synonym Symbols	Grs2; GRASP55
UniProt Protein Name	Golgi reassembly-stacking protein 2
UniProt Synonym Protein Names	Golgi reassembly-stacking protein of 55 kDa; GRASP55
Protein Family	Golgi reassembly-stacking protein
UniProt Gene Name	Gorasp2
UniProt Synonym Gene Names	GRS2; GRASP55
NCBI Protein Information	Golgi reassembly-stacking protein 2
NCBI Summary for Gorasp2	functions in the stacking of Golgi cisternae [RGD, Feb 2006]
UniProt Comments for Gorasp2	Plays a role in assembly and membrane stacking of the Golgi cisternae, and in the process by which Golgi stacks reform after mitotic breakdown. May regulate the intracellular transport and presentation of a defined set of transmembrane proteins, such as transmembrane Tgfa.
Research Articles on Gorasp2	**1.** GRASP65 and GRASP55 proteins have roles in Golgi membrane stacking
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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