Recombinant Rat Golgi reassembly-stacking protein 1 (Gorasp1)

Product Code	CSB-YP009675RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O35254
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	GLGASSEQP AGGEGFHLHG VQENSPAQQA GLEPYFDFII TIGHSRLNKE NDTLKALLKA NVEKPVKLEV FNMKTMRVRE VEVVPSNMWG GQGLLGASVR FCSFRRASEH VWHVLDVEPS SPAALAGLRP YTDYIVGSDQ ILQESEDFFT LIESHEGKPL KLMVYNSESD SCREVTVTPN AAWGGEGSLG CGIGYGYLHR IPTQPSSQYK KPPSASSPGT PAKTPQPNAF PLGAPPPWPI PQDSSGPELG SRQSDYMEAL PQVPGGFMEE QLPGPGSPGH GTADYGGCLH SMEIPLQPPP PVQRVMDPGF LDVSGMSLLD SNNTSVCPSL SSSSLLTPTA VSALGPEDIG SSSSSHERGG EATWSGSEFE ISFPDSPGSQ AQVDHLPRLT LPDGLTSAAS PEEGLSAELL EAQTEEPAHT ASLDCMAQTE GPAGQVQAAP DPEPGLCEGP W
Source	Yeast
Target Names	Gorasp1
Protein Names	Recommended name: Golgi reassembly-stacking protein 1 Alternative name(s): Golgi peripheral membrane protein p65 Golgi reassembly-stacking protein of 65 kDa Short name= GRASP65
Expression Region	2-451
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	The Golgi complex plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum. This protein 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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final

	concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.