



# Recombinant Rat Golgi reassembly-stacking protein 1 (Gorasp1)

<b>Product Code</b>	CSB-BP009675RA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O35254
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>GLGASSEQP AGGEGFHLHG VQENSPAQQA GLEPYDFDII TIGHSRLNKE            NDTLKALLKA NVEKPKLEV FNMKTMRVRE VEVVPSNMWG GQLLGASVR            FCSFRRASEH VWHVLDVEPS SPAALAGLRP YTDYIVGSDQ ILQESEDFFT            LIESHEGKPL KLMVYNESD 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</p>
<b>Source</b>	Baculovirus
<b>Target Names</b>	Gorasp1
<b>Protein Names</b>	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
<b>Expression Region</b>	2-451
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.

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### 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.