

GORASP2, 1-452aa, Human, His tag, E.coli

Cat.NO.: TP02305

3th Edition

Synonyms: Golgi reassembly-stacking protein 2, isoform 1, GOLPH6, GRASP55, GRS2, p59

Description: GORASP2 also known as golgi reassembly-stacking protein 2 plays a role in the assembly and membrane stacking of the Golgi cisternae, and in the process by which Golgi stacks reform after mitotic breakdown. It may regulate the intracellular transport and presentation of a defined set of transmembrane proteins, such as transmembrane TGFA. Recombinant human GORASP2, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form: Liquid, In Phosphate buffered saline (pH7.4)

Molecular Weight: 49.5 Da (475aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMGSSQSVEIPGGGTEGYHVLRVQENSPGHRAGLEPFFDFIVSINGSRLNKD
NDTLKDLLKANVEKPKMLIYSSKTLELRETSVTPSNLWGGQGLLGVSIRFCSEFDGANENVWHVLEVESNSPAALA
GLRPHSDYIIGADTMNESEDLFSLIETHEAKPLKLYVYNTDNDNCREVIITPNSAWGGEGSLGCGIGYGYLHRIPT
PFEEGKKISLPGQMAGTPITPLKDGFTVQLSSVNPPSLSPPGTTGIEQSLTGLSISSTPPAVSSVLSTGVPTVPLLPP
QVNQSLTSVPPMNPATTLPLGLMPLPAGLPNLNLNLNLPAPHIMPGVGLPELVNPLPLPSMPPRNLPGIAPLPLP
SEFLPSFPLVPESSSAASSGELLSSLPPTSNAPSDPATTTAKADAASSLTVDVTPPTAKAPTTVEDRVGDSTPVSEK
PVSAAVDANASESP

Purity: > 95% by HPLC

Concentration: 1 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.