Recombinant Human GORASP1 293 Cell Lysate

Cat. No. GORASP1-5829HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for golgi reassembly stacking protein 1, 65kDa (GORASP1) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	GORASP1 golgi reassembly stacking protein 1, 65kDa [Homo sapiens]
Official Symbol	GORASP1
Synonyms	GORASP1; golgi reassembly stacking protein 1, 65kDa; golgi phosphoprotein 5 , GOLPH5; Golgi reassembly-stacking protein 1; FLJ23443; GRASP65; P65; Golgi phosphoprotein 5; Golgi peripheral membrane protein p65; Golgi reassembly and stacking protein 1; golgi reassembly-stacking protein of 65 kDa; Golgi reassembly and stacking protein, 65 kDa; GOLPH5; MGC118894; MGC118897;
Gene ID	64689
mRNA Refseq	NM_031899
Protein Refseq	NP_114105
MIM	606867
UniProt ID	Q9BQQ3
Chromosome Location	3p22-p21.33
Pathway	Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; DNA Replication, organism-specific biosystem; Golgi Cisternae

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	Pericentriolar Stack Reorganization, organism-specific biosystem; M Phase, organism-specific biosystem; Mitotic M-M/G1 phases, organism-specific biosystem; Mitotic Prophase, organism-specific biosystem;

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