

Human GORASP1 Knockdown Cell Lysate

Cat. No. GORASP1-181HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated GORASP1 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The Golgi complex plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum. The protein encoded by this gene 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. Alternative splicing results in multiple transcript variants of this gene.
Form	Cell-Tissue Lysis buffer
Molecular Mass	46 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg GORASP1 KD HeLa cell lysate
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	GORASP1 golgi reassembly stacking protein 1, 65kDa [Homo sapiens (human)]
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

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