

Human GOLGA2 Knockdown Cell Lysate

Cat. No. GOLGA2-179HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated GOLGA2 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The Golgi apparatus, which participates in glycosylation and transport of proteins and lipids in the secretory pathway, consists of a series of stacked cisternae (flattened membrane sacs). Interactions between the Golgi and microtubules are thought to be important for the reorganization of the Golgi after it fragments during mitosis. This gene encodes one of the golgins, a family of proteins localized to the Golgi. This encoded protein has been postulated to play roles in the stacking of Golgi cisternae and in vesicular transport. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of these variants has not been determined.
Form	Cell-Tissue Lysis buffer
Molecular Mass	113 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.

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Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg GOLGA2 KD HeLa cell lysate
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	GOLGA2 golgin A2 [Homo sapiens (human)]
Official Symbol	GOLGA2
Synonyms	GOLGA2; golgin A2; golgi autoantigen, golgin subfamily a, 2; Golgin subfamily A member 2; GM130; Golgi matrix protein GM130; golgin 95; SY11 protein; golgin-95; GM130 autoantigen; 130 kDa cis-Golgi matrix protein; MGC20672;
Gene ID	2801
mRNA Refseq	NM_004486
Protein Refseq	NP_004477
MIM	602580
UniProt ID	Q08379

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