

Human KIF23 Knockdown Cell Lysate

Cat. No. KIF23-220HKCL Lot. No. (See product label)

SPECIFICATION

Product Overview	WB-validated KIF23 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	<p>The protein encoded by this gene is a member of kinesin-like protein family. This family includes microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. This protein has been shown to cross-bridge antiparallel microtubules and drive microtubule movement in vitro. Alternate splicing of this gene results in multiple transcript variants.</p>
Form	Cell-Tissue Lysis buffer
Molecular Mass	110 kDa
Notes	<p>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.</p>
Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific

 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

Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg KIF23 KD HeLa cell lysate
Protein Families	Druggable Genome
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	KIF23 kinesin family member 23 [Homo sapiens (human)]
Official Symbol	KIF23
Synonyms	KIF23; kinesin family member 23; kinesin like 5 (mitotic kinesin like protein 1), KNSL5; kinesin-like protein KIF23; MKLP 1; MKLP1; kinesin-like protein 5; mitotic kinesin-like 1; mitotic kinesin-like protein 1; kinesin-like 5 (mitotic kinesin-like protein 1); CHO1; KNSL5; MKLP-1;
Gene ID	9493
mRNA Refseq	NM_004856
Protein Refseq	NP_004847
MIM	605064
UniProt ID	Q02241

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