

Human KIF4A Knockdown Cell Lysate

Cat. No. KIF4A-221HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated KIF4A Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	<p>This gene encodes a member of the kinesin 4 subfamily of kinesin related proteins. The encoded protein is an ATP dependent microtubule-based motor protein that is involved in the intracellular transport of membranous organelles. This protein also associates with condensed chromosome arms and may be involved in maintaining chromosome integrity during mitosis. This protein may also be involved in the organization of the central spindle prior to cytokinesis. A pseudogene of this gene is found on chromosome X.</p>
Form	Cell-Tissue Lysis buffer
Molecular Mass	140 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.

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Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg KIF4A KD HeLa cell lysate
Protein Families	Druggable Genome
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	KIF4A kinesin family member 4A [Homo sapiens (human)]
Official Symbol	KIF4A
Synonyms	KIF4A; kinesin family member 4A; chromosome-associated kinesin KIF4A; chromokinesin; FLJ12530; FLJ12655; FLJ14204; FLJ20631; HSA271784; KIF4; KIF4 G1; chromokinesin-A; KIF4G1;
Gene ID	24137
mRNA Refseq	NM_012310
Protein Refseq	NP_036442
MIM	300521
UniProt ID	O95239

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