

Recombinant Human KIF23 cell lysate

Cat. No. KIF23-928HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	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 two transcript variants encoding two different isoforms.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	KIF23 kinesin family member 23 [Homo sapiens]
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

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	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
Chromosome Location	15q23
Pathway	Aurora B signaling, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; DNA Replication, organism-specific biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem; Kinesins, organism-specific biosystem;
Function	ATP binding; microtubule binding; microtubule motor activity; nucleotide binding; protein binding;

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