

## Recombinant Human KIF23 cell lysate

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

### SPECIFICATION

<b>Species</b>	Human
<b>Description</b>	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.
<b>Size</b>	100 ul
<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Applications</b>	Western Blot;

### GENE INFORMATION

<b>Gene Name</b>	KIF23 kinesin family member 23 [ Homo sapiens ]
<b>Official Symbol</b>	KIF23
<b>Synonyms</b>	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

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

	1); CHO1; KNSL5; MKLP-1;
<b>Gene ID</b>	9493
<b>mRNA Refseq</b>	NM_004856
<b>Protein Refseq</b>	NP_004847
<b>MIM</b>	605064
<b>UniProt ID</b>	Q02241
<b>Chromosome Location</b>	15q23
<b>Pathway</b>	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;
<b>Function</b>	ATP binding; microtubule binding; microtubule motor activity; nucleotide binding; protein binding;

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