

Recombinant Human KIF22 cell lysate

Cat. No. KIF22-927HCL Lot. No. (See product label)

SPECIFICATION

Species

Human

Description

The protein encoded by this gene is a member of kinesin-like protein family. This family of proteins are microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. The C-terminal half of this protein has been shown to bind DNA. Studies with the Xenopus homolog suggests its essential role in metaphase chromosome alignment and maintenance.

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

KIF22 kinesin family member 22 [Homo sapiens]

Official Symbol

KIF22

Synonyms

KIF22; kinesin family member 22; kinesin like 4 , KNLSL4; kinesin-like protein KIF22; Kid; OBP 1; OBP 2; oriP binding protein; kinesin-like protein 4; kinesin-like DNA-binding protein pseudogene; origin of plasmid DNA replication-binding protein; KID; OBP; KNLSL4; OBP-1; OBP-2; SEMDJL2; A-328A3.2;

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Gene ID	3835
mRNA Refseq	NM_001256269
Protein Refseq	NP_001243198
MIM	603213
UniProt ID	Q14807
Chromosome Location	16p11.2
Pathway	Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem; Kinesins, organism-specific biosystem;
Function	ATP binding; DNA binding; microtubule motor activity; nucleotide binding;

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