

Recombinant Human KIF22 cell lysate

Cat. No. KIF22-927HCL **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 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 , KNSL4; 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;

 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

	OBP; KNSL4; OBP-1; OBP-2; SEMDJL2; A-328A3.2;
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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