

Recombinant Human KIFC3 cell lysate

Cat. No. KIFC3-934HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	KIFC3 belongs to the large superfamily of kinesins, molecular motors that use the energy of ATP hydrolysis to translocate cargoes along microtubules. Members share extensive homology within a globular domain containing the microtubule- and ATP-binding sites and have a coiled-coil stalk domain that mediates oligomerization. Different kinesin family members participate in specific and diverse motile processes, such as cell division, organelle transport, and nuclear movement (Hoang et al., 1998 [PubMed 9782090]).
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	KIFC3 kinesin family member C3 [Homo sapiens]
Official Symbol	KIFC3
Synonyms	KIFC3; kinesin family member C3; kinesin-like protein KIFC3; FLJ34694;

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	DKFZp686D23201;
Gene ID	3801
mRNA Refseq	NM_001130099
Protein Refseq	NP_001123571
MIM	604535
UniProt ID	Q9BVG8
Chromosome Location	16q13-q21
Pathway	Association of TriC/CCT with target proteins during biosynthesis, organism-specific biosystem; Chaperonin-mediated protein folding, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Protein folding, organism-specific biosystem; Stabilization and expansion of the E-cadherin adherens junction, organism-specific biosystem;
Function	ATP binding; microtubule motor activity; nucleotide binding;