

Recombinant Human KIFC3 cell lysate

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

SPECIFICATION

Species	Human
Description	<p>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]).</p>
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; DKFZp686D23201;

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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;

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