

Recombinant Human KIF18B overexpression lysate, Myc/DDK-tagged

Cat. No. KIF18B-01HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

KIF18B HEK293T cell transient overexpression lysate (as WB positive control) with a C-Myc/DDK tag was expressed in HEK293T.

Preparation: HEK293T cells in 10-cm dishes were transiently transfected with 5 µg cDNA plasmid. Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix, 1mM PMSF and 1mM Na3VO4), and then centrifuged to clarify the lysate. Protein concentration was measured by BCA kit. To facilitate transportation and protein, the products are supplied as lyophilized proteins.

Components: 1 vial of 20 µg lyophilized gene specific transient over-expression cell lysate.

Species Human

Source HEK293

Description

In complex with KIF2C, constitutes the major microtubule plus-end depolymerizing activity in mitotic cells. Its major role may be to transport KIF2C and/or MAPRE1 along microtubules.

Molecular Mass 93.1 kDa

Stability Avoid repeated freeze-thaw cycles after reconstitution. Lysate samples are stable for

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12 months from date of receipt when stored at -20 centigrade.

Storage Upon receiving, store the sample at -20 centigrade.

Reconstitution Lysate samples can be reconstituted with SDS Sample Buffer.

GENE INFORMATION

Gene Name KIF18B kinesin family member 18B [Homo sapiens (human)]

Official Symbol KIF18B

Synonyms KIF18B; kinesin family member 18B; kinesin-like protein KIF18B

Gene ID 146909

mRNA Refseq NM_001080443

Protein Refseq NP_001073912

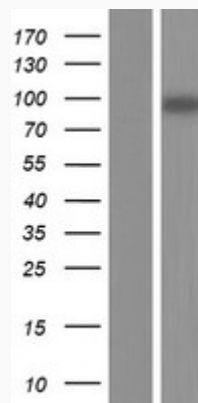
MIM 614570

UniProt ID Q86Y91

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