

Recombinant Human KIF5B protein, His-tagged

Cat. No. KIF5B-954H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KIF5B protein(P33176)(1-431aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-431a.a.
Tag	His
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	54.9 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

MADLAECNIKVMCRFRPLNESEVNRGDKYIAKFQGEDTVVIASKPYAFDRVFQSSTS
QEQVYNDCAKKIVKDVLEGYNGTIFAYGQTSSGKTHTMEGKLHDPEGMGIIPRIVQDI
FNYIYSMDENLEFHIKVSFYFEIYLDKIRDLLDVSKTNLSVHEDKNRVPYVKGCTERFV
CSPDEVMDTIDEGKSNRHVAVTNMNEHSSRSHSIFLINVKQENTQTEQKLSGKLYLV
DLAGSEKVSKTGAEGAVLDEAKNINKSLSALGNVISALAEGSTYVPYRDSKMTRILQD
SLGGNCRTTIVICCPSSSYNESETKSTLLFGQRAKTIKNTVCVNVELTAEQWKKKYEK
EKEKNKILRNTIQWLENELNRWRNGETVPIDEQFDKEKANLEAFTVDKDITLTNDKPA
TAIGVIGNFTDAERRKCEEEIAKLYKQ

GENE INFORMATION

Gene Name KIF5B kinesin family member 5B [Homo sapiens]

Official Symbol KIF5B

Synonyms

KIF5B; kinesin family member 5B; KNS1; kinesin-1 heavy chain; KNS; kinesin heavy chain; kinesin 1 (110-120kD); ubiquitous kinesin heavy chain; conventional kinesin heavy chain; KINH; UKHC;

Gene ID 3799

mRNA Refseq NM_004521

Protein Refseq NP_004512

MIM 602809

UniProt ID P33176

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