

Recombinant Human KIF18A Protein, His-tagged

Cat. No. KIF18A-263H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KIF18A(Met1~Lys453) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1~Lys453
Description	KIF18A is a member of the kinesin superfamily of microtubule-associated molecular motors (see MIM 148760) that use hydrolysis of ATP to produce force and movement along microtubules (Luboshits and Benayahu, 2005 [PubMed 15878648]).
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	55.2kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

KIF18A kinesin family member 18A [Homo sapiens]

Official Symbol

KIF18A

Synonyms

KIF18A; kinesin family member 18A; kinesin-like protein KIF18A; DKFZP434G2226; MS-KIF18A; DKFZp434G2226;

Gene ID

81930

mRNA Refseq

NM_031217

Protein Refseq

NP_112494

MIM

611271

UniProt ID

Q8NI77

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