

Recombinant Human KIF18A Protein, His-tagged

KIF18A-263H Human

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.
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]).
Source	E. coli
Species	Human
Tag	His
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	55.2kDa
Protein length	Met1~Lys453
Endotoxin	<1.0EU per 1µg (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 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

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45-1 Ramsey Road, Shirley, NY 11967, USA

Tel: +1-631-559-9269 Fax: +1-631-938-8127

E-mail: info@creative-biomart.com

www.creativebiomart.net

mRNA Refseq [NM_031217](#)

Protein Refseq [NP_112494](#)

MIM [611271](#)

UniProt ID [Q8NI77](#)

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