

Recombinant Human ZWILCH protein ab181888

1 Image

Description

Product name	Recombinant Human ZWILCH protein
Purity	> 85 % SDS-PAGE. ab181888 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>Q9H900</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMWERLNCAAEFYSL RLLQKFNEEKKGI RKDPFLYEADVQVQLISKGQPNPLKNILNENDIVFIVEKVPL EKEETSHI EELQSEETAISDFSTGENVGPLALPVGKARQLIGLYTMAHN PNMTHLKIN LPVTALPPLWVRCDSSDPEGTCWLGAELITNNSITGNVLY VVSCKADKN YSVNLENLKNLHKKRHHLLSTVTSKGFAQYELFKSSALDDTI TASQTAIAL DISWSPVDEILQIPPLSSTATLNKVESGEPRGPLNHLYREL KFLLVLAD GLRTGVTEWLEPLEAKSAVELVQEFLNDLNKLDGFGDST KKDTEVETLKH DTAAVDRSVKRLFKVRSDLDFAEQLWCKMSSSVISYQDL VKCFTLIQSL QRGDIQPWLHSGSNSLLSKLIHQSYHGTMDTVSLSGTIPVQ MLLEIGLDK LKKDYISFFIGQELASLNHLEYFIAPSVDIQEQVYRVQKLHHI LEILVSC MPFIKSQHELLFSLTQICIKYYKQNPLDEQHIFQLPVRPTAV KNLYQSEK PQKWRVEYSGQKKIKTVWQLSDSSPIDHLNFHKPDFSEL TLNGSLEERI FFTNMVTC SQVHFK
Predicted molecular weight	70 kDa including tags

Amino acids	1 to 591
Tags	His tag N-Terminus
Additional sequence information	NP_060445

Specifications

Our **Abpromise guarantee** covers the use of **ab181888** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Liquid

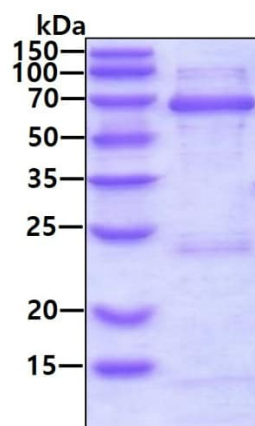
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.32% Tris HCl, 0.58% Sodium chloride, 20% Glycerol (glycerin, glycerine), 0.02% DTT
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General Info

Function	Essential component of the mitotic checkpoint, which prevents cells from prematurely exiting mitosis. Required for the assembly of the dynein-dynactin and MAD1-MAD2 complexes onto kinetochores. Its function related to the spindle assembly machinery is proposed to depend on its association in the mitotic RZZ complex (PubMed:15824131).
Sequence similarities	Belongs to the ZWILCH family.
Cellular localization	Chromosome, centromere, kinetochore.

Images



SDS-PAGE - Recombinant Human ZWILCH protein
(ab181888)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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