

Product datasheet

Recombinant Human ZWINT protein ab151360

Description

Product name	Recombinant Human ZWINT protein	
Purity	> 95 % SDS-PAGE. Purity is greater than 95% as determined by reducing SDS-PAGE.	
Endotoxin level	< 1.000 Eu/μg	
Expression system	Escherichia coli	
Accession	O95229	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MGSSHHHHHHSSGLVPRGSHMEAAETEAEEAAALEVLAE VAGILEPVGLQE EAELPAKILVEFVVDSSQKKDKLLCSQLQVADFLQNILAQE DTAKGLDPLA SEDTSRQKAIAAKEQWKELKATYREHVEAIKIGLTKALTQM EEAQRKRTQ LREAFEQLQAKKQMAMEKRRAVQNQWQLQQEKHLQHLLA EVSAEVRERKTG TQQELDGVFQKLGNLKQQAEEQERDKLQRYQTFLQLLYTL QGKLLFPEAEA EAENLPDDKPQQPTRPQEQSTGDTMGRDPGVSFKAVGL QPAGDVNLP	
Predicted molecular weight	33 kDa including tags	
Amino acids	1 to 277	
Tags	His tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab151360** 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	Lyophilized

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at -80°C.

pH: 7.20

Constituents: 99% Phosphate Buffer, 0.88% Sodium chloride

Reconstitution

Dissolve the lyophilized protein in 1X PBS. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

General Info

Function

Part of the MIS12 complex, which is required for kinetochore formation and spindle checkpoint activity. Required to target ZW10 to the kinetochore at prometaphase.

Cellular localization

Nucleus. Chromosome > centromere > kinetochore. Localizes to kinetochores from late prophase to anaphase.

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

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