

ZW10 interactor/ZWINT Protein, Human, Recombinant (GST)

General Information

Synonyms:	ZWINT; ZW10-interacting protein 1 (Zwint-1); Outer kinetochore KNL1 complex subunit ZWINT; ZW10 interactor
Protein Construction:	1-277 aa
Species:	Human
Expression Host:	<i>E. coli</i>
Accession:	Q95229
Molecular Weight:	58.2 kDa (predicted)
AA Sequence:	MEAAETEAEAALEVLAEVAGILEPVGLQEEAELPAKILVEFVVDSQKKDKLLCSQLQVADFLQNLILAQEDTAK GLDPLASEDTSRQKAIAAKEQWKELKATYREHVEAIIKGLTKALTQMEAAQRKRTQLREAFEQLQAKKQMAM EKRRRAVQNQWQLQQEKHLQHAEVSAEVRRERKTGTQQELDGVFQKLGNLKQQAEQERDKLQRYQTFLQLL YTLQGKLLFPEAEAEAENLPDDKPQQPTRPQEQTGDTMGRDPGVSKAVGLQPAGDVNLP

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 90% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Tris-based buffer, 50% glycerol

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Shipping:

In general, Lyophilized powders are shipping with blue ice. Solutions are shipping with dry ice.

Protein Background

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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