

Product datasheet for **TP310692M**

ZWINT (NM_007057) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human ZW10 interactor (ZWINT), transcript variant 1, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC210692 protein sequence

Clone or AA **Red**=Cloning site **Green**=Tags(s)

Sequence:

MEAAETEAEAAALEVLAEVAGILEPVGLQEEAELPAKILVEFVWDSQKKDKLLCSQLQVADFLQNILAQE
DTAKGLDPLASEDTSRQKAIAAKEQWKELKATYREHVEAIKIGLTKALTMEEAQRKRTQLREAFEQLQA
KKQMAMEKRRAVQNQWQLQKEKHLQHAEVSAEVRERKTGTQQELDGVFQKLGNLKQQAERDKLQRYQ
TFLQLLYTLQGKLLFPEAEAEENLPDDKPQQPTRPQEQTGDTMGRDPGVSFKAVGLQPAGDVNLP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 31.1 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_008988](#)

Locus ID: 11130

UniProt ID: [O95229](#)



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RefSeq Size: 1687

Cytogenetics: 10q21.1

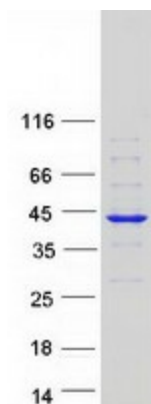
RefSeq ORF: 831

Synonyms: HZwint-1; KNTC2AP; SIP30; ZWINT1

Summary: This gene encodes a protein that is clearly involved in kinetochore function although an exact role is not known. It interacts with ZW10, another kinetochore protein, possibly regulating the association between ZW10 and kinetochores. The encoded protein localizes to prophase kinetochores before ZW10 does and it remains detectable on the kinetochore until late anaphase. It has a uniform distribution in the cytoplasm of interphase cells. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified ZWINT protein (Cat# [TP310692]). The protein was produced from HEK293T cells transfected with ZWINT cDNA clone (Cat# [RC210692]) using MegaTran 2.0 (Cat# [TT210002]).