

Product datasheet for **TP313297M**

ZW10 (NM_004724) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ZW10, kinetochore associated, homolog (Drosophila) (ZW10), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213297 representing NM_004724 Red =Cloning site Green =Tags(s)

MASFVTEVLAHSGRLEKEDLGTRISRLTRRVEEIKGEVCNMISKKYSEFLPSMQSAQGLITQVDKLSEDI
DLLKSRIESEVRRDLHVSTGEFTDLKQQLERDSVLSLLKQLQEFSTAIIEYNALTEKKYVTGAQRLEE
AQKCLKLLKSRCFDLKILKSLSMELTIQKQNILYHLGEEWQKLIVWKFPSPKDTSSLESYLQTELHLYT
EQSHKEEKTMPPISSVLLAFSVLGELHSLKLSFGQMLLKYILRPLASCPSLHAVIESQPNIVIRFESI
MTNLEYPSPSEVFTKIRLVLEVLQKQLLDPLDLDLENEKTSTVPLAEMLGDMIWEDLSECLIKNCLVYS
IPTNSSKLQQYEEIIQSTEEFENALKEMRFLKGDITDLLKYARNINSHFANKKCQDVIVAARNLMTSEIH
NTVKIIPDSKINPELPTPDEDNKLEVQKVSNTQYHEVMNLEPENTLDQHSFSLPTCRISESVKKLMELA
YQTLLEATTSSDQCAVQLFYSVRNIFHLFHDVPTYHKENLQKLPQLAAIHNNNCMYIAHLLTLGHQFR
LRLAPILCDGTATFVDLVPGFRRLGTECFLAQMRQKQKELLERLSSARNFSNMDDEENYSAASKAVRQVL
HQLKRLGIVWQDVLVNIYCKAMGTLLNTAISEVIGKITALEDISTEDGDRLYSLCKTVMDEGPQVFAPL
SEESKNKKYQEEVPVYVPKWMPFKELMMMLQASLQEIGDRWADGKGPLAAAFSSSEVKALIRALFQNT
R
RAAALAKIK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

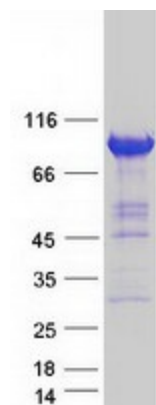
Tag:	C-Myc/DDK
Predicted MW:	88.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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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_004715
Locus ID:	9183
UniProt ID:	O43264
RefSeq Size:	2900
Cytogenetics:	11q23.2
RefSeq ORF:	2337
Synonyms:	HZW10; KNTC1AP
Summary:	This gene encodes a protein that is one of many involved in mechanisms to ensure proper chromosome segregation during cell division. This protein is an essential component of the mitotic checkpoint, which prevents cells from prematurely exiting mitosis. [provided by RefSeq, Aug 2011]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified ZW10 protein (Cat# [TP313297]). The protein was produced from HEK293T cells transfected with ZW10 cDNA clone (Cat# [RC213297]) using MegaTran 2.0 (Cat# [TT210002]).