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Product datasheet for TP510603

Zw10 (NM_012039) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse zw10 kinetochore protein (Zw10), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210603 protein sequence Red=Cloning site Green=Tags(s) MASFVTEVLAHSGSLEKEDLGTRISRLTRRVEEIKGEVCNMISKKYSEFLPTMQSAQALVTQVDTLSNDI DQLKSRIETEVCRDLHISTVEFTNLKQQLERDSVVLTLLKQLQEFSSAIEEYNSALAEKKYIPAARHLEE AQECLKLLKSRKCFDLKMLKSLSMELTVQKQNILYHLGEDWQKLVVWKFPPAKDTSSLESCLQTELHLCT EQPEKEDMTPLPSISSVLLAFSILGELPTKLKSFGQMLLKYILKPLVTCPSLHAVIERQPSSVSICFESL TTDLEHPSPPEAFAKIRLVLEVLQKQLLDLPLDADLEIGKVPGIVLAEMLGEGIWEDLSECLIRNCLVYS IPTNSSKLQEYEEIIQSTEEFEKFLKEMRFLKGDTTDLLKYARNINSHFANKKCQDVIVAARNLMTSEIH NTVKIGPDCKEALPDLPSPDADHKLQVQTVCKAQFTDAGNLEPETSLDPQSFSLPTCRISEAVKKLMELA YQTLLEATTSSDQCAVQLFYSVRNIFHLFHDVVPTYHKENLRKLPQLAAIHHNNCMYIAHHLLTLGHQFR LRLAPILCDGTTTFVDLVPGFRRLGTECFLAQMQAQKGELLERLSSARSFANMDDEENYSAASKAVRQVL HQLRRLGIVWQDVLPVNIYCKAMGTLLNTAIAEMMSRITALEDISTEDGDRLYSLCKTVMDEGPQVFAPL SDENKNKKYQEEVPVYVSKWMPFKELMIMLQASLQEIGDRWADGKGPLATAFPSSEVKALIRALFQNTER RAAALAKIK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	88.1 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
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 after receiving vials.

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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_036169
Locus ID:	26951
UniProt ID:	O54692
RefSeq Size:	2917
Cytogenetics:	9 A5.3
RefSeq ORF:	2337
Synonyms:	6330566F14Rik; MmZw10
Summary:	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. Involved in regulation of membrane traffic between the Golgi and the endoplasmic reticulum (ER); the function is proposed to depend on its association in the interphase NRZ complex which is believed to play a role in SNARE assembly at the ER (By similarity).[UniProtKB/Swiss-Prot Function]