

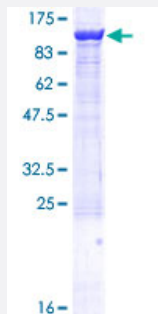
Full-Length

ZW10 (Human) Recombinant Protein (P01)

Catalog # H00009183-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ZW10 full-length ORF (NP_004715.1, 1 a.a. - 779 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MASFVTEVLAHSGRLEKEDLGTRISRLTRRVEEIKGEVCNMISKKYSEFLPSMQSAQGLITQVDKL
SEDIDLLKSRIESEVRRDLHVSTGEFTDLKQQLERDSVVLSELLKQLQEFSTAIEEYNCALTEKKYVT
GAQRLEEAQKCLKLLKSRCFDLKLKSLSMELTIQKQNILYHLGEEWQKLIVWKFPSPKDTSSLE
SYLQTELHLYTEQSHKEEKTMPPISSVLLAFSVLGELHSLKLSFGQMLLKYLRLPLASCPSLHAVI
ESQPNVIRFESIMTNLEYPSPSEVFTKIRLVLEVLQKQLLDPLDLDLENEKTSTVPLAEMLGDMI
WEDLSECLIKNCLVYSIPTNSSKLQQYEEIIQSTEEFENALKEMRFLKGDTTDLLKYARNINSHFANK
KCQDVVAARNLMTSEIHNTVKIIPDSKINPELPTPDEDNKLEVQKVSNTQYHEVMNLEPENTLDQ
HSFSLPTCRISESVKKLMELAYQTLLEATTSSDQCAVQLFYSVRNIFHLFHDVVPTYHKNLQKLP
QLAAIHNNCMYAHLLTLGHQFRLRLAPILCDGTATFVDLVPGFRRLGTECFLAQMRAQKGELL
ERLSSARNFSNMDDEENYSAASKAVRQVLHQLKRLGIVWQDVLVNIYCKAMGTLLNTAISEVIGKI
TALEDISTEDGDRLYSLCKTVMDEGPQVFAPLSEESKNKKYQEEVPVYVPKWMFPKELMMLLQ
ASLQEIGDRWADGKGPLAAAFSSSEVKALIRALFQNTERRAAALAKIK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

115.2

Interspecies Antigen Sequence

Mouse (86); Rat (85)

Preparation Method

[in vitro wheat germ expression system](#)

Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ZW10

Entrez GeneID	9183
GeneBank Accession#	NM_004724.2
Protein Accession#	NP_004715.1
Gene Name	ZW10
Gene Alias	HZW10, KNTC1AP, MGC149821
Gene Description	ZW10, kinetochore associated, homolog (Drosophila)
Omim ID	603954
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that is one of many involved in mechanisms to ensure proper chromosome segregation during cell division. The encoded protein binds to centromeres during the pro phase, metaphase, and early anaphase cell division stages and to kinetochore microtubules during metaphase. [provided by RefSeq]
Other Designations	ZW10 homolog, centromere/kinetochore protein centromere/kinetochore protein zw10 zeste white 10 homolog