

Recombinant Human ZFP36

Cat. No. ZFP36-31616TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Tristetraprolin (amino acids 1-326) with a proprietary tag at N-terminal: predicted molecular weight 61.93 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	326 amino acids
Description	Tristetraprolin (TTP) also known as zinc finger protein 36 homolog (ZFP36) is a protein that in humans is encoded by the ZFP36 gene.
Molecular Weight	61.930kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.79% Tris HCl, 0.31% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MDLTAIYESLLSLSPDVPVPSDHGGTESSPGWGSSGPWSLSPSDSSPSGVTSRLPG RSTSLVEGRSCGWVPPPPGFAPLAPRLGPELSPSPTSPTATSTTPSRYKTELCRTFS

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ESGRCRYGAKCQFAHGLGELRQANRHPKYKTELCHKFYLGRCPYGSRCHFIHNP
 SEDLAAPGHPPVLRQSI SF SGLPSGRRTSPPPPGLAGPSLSSSSFSPSSSPPPPGDL
 PLSPSAFSAAPGTPLARRDPTPVCCPSCRRATPISVWGPLGGLVRTPSVQSLGSDP
 DEYASSGSSLGGSDSPVFEAGVFAPPQPVAAPRRLPIFNRI SVSE

Sequence
Similarities Contains 2 C3H1-type zinc fingers.

GENE INFORMATION

Gene Name ZFP36 zinc finger protein 36, C3H type, homolog (mouse) [Homo sapiens]

Official Symbol ZFP36

Synonyms ZFP36; zinc finger protein 36, C3H type, homolog (mouse); zinc finger protein, C3H type, 36 homolog (mouse); tristetraprolin; G0S24; NUP475; RNF162A; TIS11; TTP;

Gene ID 7538

mRNA Refseq NM_003407

Protein Refseq NP_003398

MIM 190700

Uniprot ID P26651

Chromosome Location 19q13.1

Pathway Destabilization of mRNA by Tristetraprolin (TTP), organism-specific biosystem; ErbB1 downstream signaling, organism-specific biosystem; HTLV-I infection, organism-

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specific biosystem; HTLV-I infection, conserved biosystem; Metabolism, organism-specific biosystem;

Function

AU-rich element binding; DNA binding; mRNA binding; metal ion binding; protein binding;

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