

Tripeptidyl Peptidase I Recombinant Protein | TPP1 recombinant protein

Recombinant Tripeptidyl Peptidase I (TPP1)

CATALOG # AAA144080	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Tripeptidyl Peptidase I; Recombinant Tripeptidyl Peptidase I (TPP1); TPP1 recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>90%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below. MRLFGGNF AHQASVARVV GQQGRGRAGI EASLDVQYLM SAGANISTWV YSSPGRHEGQ EPFLQWLMML SNESALPHVH TVSYGDDSDS LSSAYIQRVN TELMKAAARG LTLFASGDS GAGCWSVSGR HQFRPTFPAS SPYVTTVGGT SFQEPFLITN EIVDYISGGG FSNVFPSPSY QEEAVTKFLS SSPHLPPSSY FNASGRAYPD VAALSDGYWV VSNRVPIPVV SGTASTPVF GGILSLINEH RILSGRPPLG FLNPRLYQQH GAGLFDVTRG CHESCLDEEV EGQGFCSGPG WDPVTGWGTP NFPALLKTLL NP
Sequence Length	563
Applicable Applications for TPP1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	38.2kDa
Accurate Molecular Mass (KD)	38kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and S-tag
Organism Species	Homo sapiens (Human)
Fragment	Met1~Pro320
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	15928808
NCBI GeneID	1200
Molecular Weight	34,464 Da
NCBI Official Full Name	Tripeptidyl peptidase I
NCBI Official Synonym Full Names	tripeptidyl peptidase I
NCBI Official Symbol	TPP1
NCBI Official Synonym Symbols	CLN2; GIG1; LPIC; SCAR7; TPP-1
NCBI Protein Information	tripeptidyl-peptidase 1
UniProt Protein Name	Tripeptidyl-peptidase 1
UniProt Gene Name	TPP1
UniProt Synonym Gene Names	CLN2; TPP-1; LPIC; TPP-I
UniProt Entry Name	TPP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/tpp1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144080>