SunLong Biotech Co.,LTD
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Recombinant Tripeptidyl Peptidase I (TPP1)

Catalog Number: SIPC522Hu01 **Spec: 10ug**

Product Name	Recombinant Tripeptidyl Peptidase I (TPP1)
Catalog Number	SIPC522Hu01
Organism Species	Human
Source	Prokaryotic expression.
Host	E. coli
Residues	Met1~Pro320
Tags	N-terminal His-Tag
Tissue Specificity	Heart, Placenta.
Subcellular Location	Lysosome. Melanosome.
Purity	>92%
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Original Concentration	200μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	5.7
Predicted Molecular Mass	38.2kDa
Accurate Molecular Mass	38kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8oC for one month.

Aliquot and store at -80oC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate

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was determined by accelerated thermal degradation test, that is, incubate the protein at 37oC for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

MRLFGGNFAH QASVARVVGQ QGRGRAGIEA SLDVQYLMSA GANISTWVYS
SPGRHEGQEP FLQWLMLLSN ESALPHVHTV SYGDDEDSLS SAYIQRVNTE
LMKAAARGLT LLFASGDSGA GCWSVSGRHQ FRPTFPASSP YVTTVGGTSF
QEPFLITNEI VDYISGGGFS NVFPRPSYQE EAVTKFLSSS PHLPPSSYFN
ASGRAYPDVA ALSDGYWVVS NRVPIPWVSG TSASTPVFGG ILSLINEHRI
LSGRPPLGFL NPRLYQQHGA GLFDVTRGCH ESCLDEEVEG QGFCSGPGWD
PVTGWGTPNF PALLKTLLNP

[IDENTIFICATION]

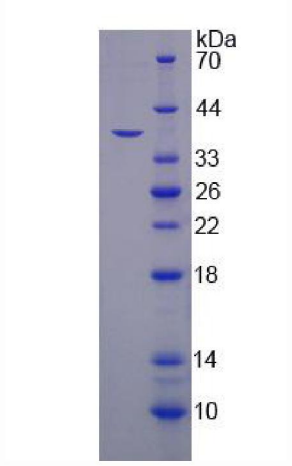


Figure 1. SDS-PAGE