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

Catalog Number: SIPC522Mu01 **Spec: 50ug**

Product Name	Recombinant Tripeptidyl Peptidase I (TPP1)
Catalog Number	SIPC522Mu01
Organism Species	Mouse
Source	Prokaryotic expression.
Host	E. coli
Residues	Gly198~Pro562
Tags	N-terminal His-Tag
Tissue Specificity	Heart, Placenta.
Subcellular Location	Lysosome. Melanosome.
Purity	>98%
Traits	Freeze-dried powder
Buffer formulation	100mM NaHCO3, 500mM NaCl, pH8.3, 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	5.9
Predicted Molecular Mass	43.2kDa
Accurate Molecular Mass	43kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 100mM NaHCO3, 500mM NaCl (pH8.3) 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]

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                                                                  GVT
PSVLRQRYNL TAKDVGSGTT NNSQACAQFL EQYFHNSDLT EFMRLFGGSF
THQASVAKVV GKQGRGRAGI EASLDVEYLM SAGANISTWV YSSPGRHEAQ
EPFLQWLLLL SNESSLPHVH TVSYGDDEDS LSSIYIQRVN TEFMKAAARG
LTLLFASGDT GAGCWSVSGR HKFRPSFPAS SPYVTTVGGT SFKNPFLITD
EVVDYISGGG FSNVFPRPPY QEEAVAQFLK SSSHLPPSSY FNASGRAYPD
VAALSDGYWV VSNMVPIPWV SGTSASTPVF GGILSLINEH RILNGRPPLG
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NFPALLKTLL NP
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[IDENTIFICATION]

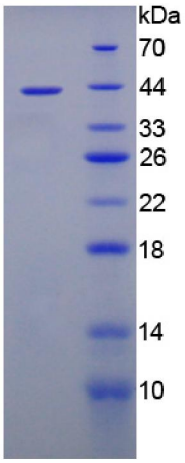


Figure 1. SDS-PAGE