

Thymosin Beta 4 (Tb4) Recombinant Protein | Tb4 recombinant protein

Recombinant Thymosin Beta 4 (Tb4)

CATALOG # AAA134719	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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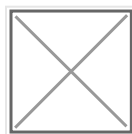
PRODUCT SYNONYMS

Thymosin Beta 4 (Tb4); Recombinant Thymosin Beta 4 (Tb4); Tb4 recombinant protein

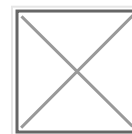
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His -Tag, its sequence is listed below. MGHHHH HHS GSEF-MS DKPDMAEIEK FDKSKLKKTE TQEKNP LPSK ETIEQEKQAG ES
Sequence Length	44
Applicable Applications for Tb4 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Met1~Ser44 (Accession # P20065) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) 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 #	10946578
NCBI GeneID	19241
NCBI Accession #	NP_067253.1

NCBI GenBank Nucleotide #	NM_021278.2
UniProt Accession #	P20065
Molecular Weight	6.6kDa
NCBI Official Full Name	thymosin beta-4
NCBI Official Synonym Full Names	thymosin, beta 4, X chromosome
NCBI Official Symbol	Tmsb4x
NCBI Official Synonym Symbols	Tb4; Ptmb4
NCBI Protein Information	thymosin beta-4; t beta 4; prothymosin beta 4
UniProt Protein Name	Thymosin beta-4
UniProt Gene Name	Tmsb4x
UniProt Synonym Gene Names	Ptmb4; Tmsb4; T beta 4
UniProt Entry Name	TYB4_MOUSE

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/tmsb4x-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134719>