

Thymosin Beta 4 (TMSB4X) Active Protein | TMSB4X active protein

Active Thymosin Beta 4 (TMSB4X)

CATALOG # AAA153102	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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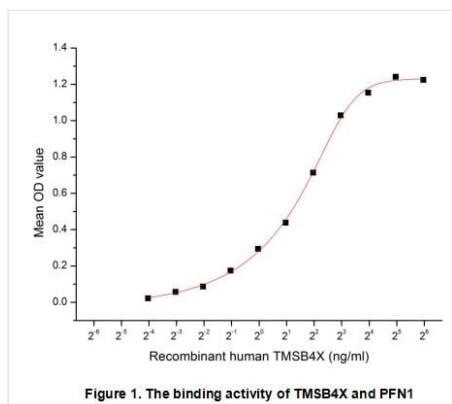
PRODUCT SYNONYMS

Thymosin Beta 4 (TMSB4X); Active Thymosin Beta 4 (TMSB4X); Thymosin Beta 4; TMSB4X active protein (prokaryotic); Human; Tb4; FX; PTMB4; TB4X; TMSB4; Thymosin; Beta 4; X-Linked; TB-500; Seraspenide; Hematopoietic system regulatory peptide; TMSB4X active protein

PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Met1~Ser44
Applicable Applications for TMSB4X active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Human
Tag	N-terminal His and GST
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	6
Research Area	Metabolic pathway
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES

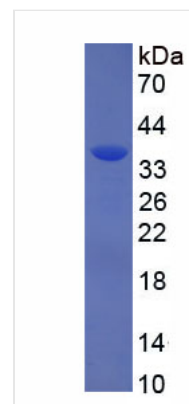


Bioactivity

Thymosin beta 4 (T beta 4; also TB4X and Fx) is a 5.0 kDa member of the beta-thymosin family of molecules. It plays an important role in the organization of the cytoskeleton. It is reported that TMSB4X can combinant with PFN1 to inhibit actin polymerizati

SDS-PAGE

Figure. SDS-PAGE



ADDITIONAL INFORMATION

Product Categories/Family for TMSB4X active protein	Active proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11056061
NCBI GeneID	7114
NCBI Accession #	NP_066932.1
NCBI GenBank Nucleotide #	NM_021109.3
UniProt Accession #	P62328; P01253; P01254; Q546P5; Q63576; Q9UE55
Molecular Weight	5,053 Da
NCBI Official Full Name	thymosin beta-4
NCBI Official Synonym Full Names	thymosin beta 4, X-linked
NCBI Official Symbol	TMSB4X
NCBI Official Synonym Symbols	FX; TB4X; PTMB4; TMSB4
NCBI Protein Information	thymosin beta-4; t beta-4; prothymosin beta-4; thymosin, beta 4, X chromosome
UniProt Protein Name	Thymosin beta-4
UniProt Gene Name	TMSB4X
UniProt Synonym Gene Names	TB4X; THYB4; TMSB4; T beta-4
UniProt Entry Name	TYB4_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/e-coli-active-protein/thymosin-beta-4-tmsb4x/153102>