

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

Recombinant Human Thymosin-Beta 4 (TMSB4X)

CATALOG #
AAA214284

HOST
E Coli

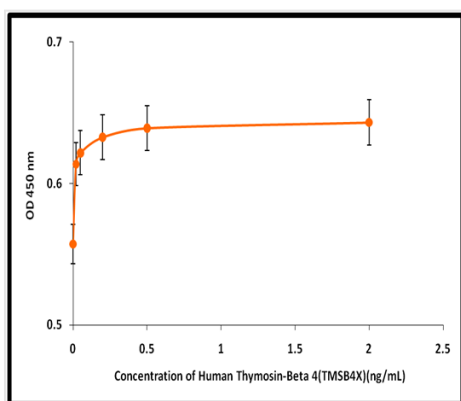
PRODUCT SYNONYMS

Thymosin-Beta 4 (TMSB4X); Recombinant Human Thymosin-Beta 4 (TMSB4X); T beta-4; Hematopoietic system regulatory peptide; Seraspenide; TMSB4X; TB4X; TMSB4; TMSB4X active protein

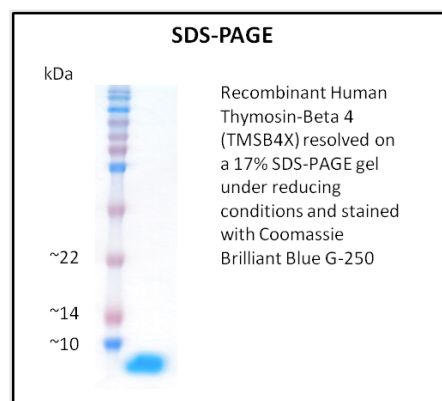
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered solution in PBS
Sequence Length	44
Bioactivity	The ED(50) was determined by the dose-dependent proliferation of immortalized mouse brain endothelial cells and was found to be <0.5ng/mL.
Endotoxin Level	<1.0 EU/ug of recombinant protein as determined by the LAL method.
Reconstitution	Reconstitute at 100 ug/mL in sterile PBS
Preparation and Storage	The lyophilized protein is stable for at least one year from date of receipt at -70 degree C. Upon reconstitution, this cytokine can be stored in working aliquots at 2-8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for TMSB4X active protein

The primary function of the T beta-4 member of the Thymosin-beta family is to maintain the organization of the cell's cytoskeletal structure. Produced by myoblasts and fibroblasts, TMSB4X acts as a modulator for the production and digestion of actin and to inhibit filamentous actin polymerization. TMSB4X has also been found to induce phenotypic changes in T cell lines during early host defence mechanisms and inhibit the progression of hematopoietic pluripotent stem cells into the s-phase.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11056061
NCBI GeneID	7114
NCBI Accession #	NP_066932.1
NCBI GenBank Nucleotide #	NP_066932.1
UniProt Accession #	P62328
Molecular Weight	5.2 kDa
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/thymosin-beta-4-tmsb4x/214284>