

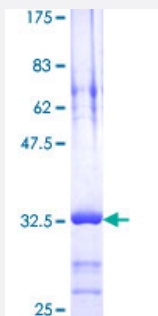
Full-Length

TMSB4X (Human) Recombinant Protein (P01)

Catalog # H00007114-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TMSB4X full-length ORF (AAH01631.2, 1 a.a. - 44 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSDKPDMAEIEKFDKSKLKKKTETQEKNPLPSKETIEQEKQAGES
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	30.47
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TMSB4X

Entrez GeneID [7114](#)

GeneBank Accession# [BC001631.1](#)

Protein Accession# [AAH01631.2](#)

Gene Name TMSB4X

Gene Alias FX, PTMB4, TB4X, TMSB4

Gene Description thymosin beta 4, X-linked

Omim ID [300159](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes an actin sequestering protein which plays a role in regulation of actin polymerization. The protein is also involved in cell proliferation, migration, and differentiation. This gene escapes X inactivation and has a homolog on chromosome Y. [provided by RefSeq]

Other Designations OTTHUMP00000022925|OTTHUMP00000022926|OTTHUMP00000022927|OTTHUMP00000022928|prothymosin beta-4|thymosin beta-4|thymosin, beta 4|thymosin, beta 4, X chromosome

Pathway

- [Regulation of actin cytoskeleton](#)