

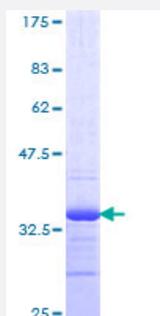
Full-Length

TMSB4X (Human) Recombinant Protein (P02)

Catalog # H00007114-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TMSB4X full-length ORF (NP_066932, 1 a.a. - 44 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSDKPDMAEIEKFDKSKLKKTTETQEKNPLPSKETIEQEKGAGES
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	30.58
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#	NM_021109
Protein Accession#	NP_066932
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](#)