

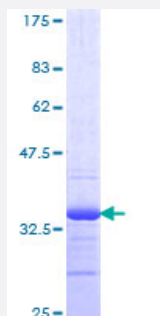
Full-Length

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 | MSDKPDMAEIEKFDKSKLKKTTETQEKNPLPSKETIEQEKQAGES |
| 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](#)