

# Recombinant Full Length Human TMSB4X Protein, C-Flag-tagged

**Cat. No.** TMSB4X-915HFL    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human TMSB4X Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	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.
<b>Form</b>	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	4.9 kDa
<b>AA Sequence</b>	MSDKPDMAEIEKFDKSKLKKKTETQEKNPLPSKETIEQEKGAGESTRTRPLEQKLISEE DLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

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<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method.
<b>Preparation</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Protein Pathways</b>	Regulation of actin cytoskeleton
<b>Full Length</b>	Full L.

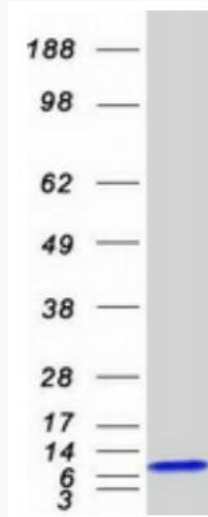
## GENE INFORMATION

<b>Gene Name</b>	TMSB4X thymosin beta 4 X-linked [ Homo sapiens (human) ]
<b>Official Symbol</b>	TMSB4X
<b>Synonyms</b>	FX; TB4X; PTMB4; TMSB4
<b>Gene ID</b>	7114
<b>mRNA Refseq</b>	NM_021109.4
<b>Protein Refseq</b>	NP_066932.1
<b>MIM</b>	300159
<b>UniProt ID</b>	P62328

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Coomassie blue staining of purified TMSB4X protein.

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