

Recombinant Human TMSB4X Protein, His-tagged

Cat. No. TMSB4X-431H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TMSB4X Protein (Ser2-Ser44) with N-His tag was expressed in 293F.
Species	Human
Source	HEK293
ProteinLength	Ser2-Ser44
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.1 kDa Accurate Molecular Mass: 41 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

TMSB4X thymosin beta 4, X-linked [Homo sapiens (human)]

Official Symbol

TMSB4X

Synonyms

TMSB4X; thymosin beta 4, X-linked; thymosin, beta 4, X chromosome, TMSB4; thymosin beta-4; TB4X; t beta-4; prothymosin beta-4; thymosin, beta 4, X chromosome; FX; PTMB4; TMSB4

Gene ID

7114

mRNA Refseq

NM_021109

Protein Refseq

NP_066932

MIM

300159

UniProt ID

P62328

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