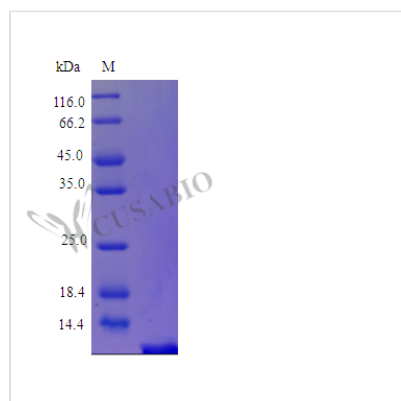




Recombinant Human Thymosin beta-4 (TMSB4X) (Active)

Product Code	CSB-AP000381HU
Abbreviation	Recombinant Human TMSB4X protein (Active)
Uniprot No.	P62328
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 7.4.
Product Type	Other
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The biological activity determined by its ability to produce a protective effect against hydrogen peroxide in primary lung fibroblasts is in a concentration range of 0.5 - 10 µg/ml.
Purity	>97% as determined by SDS-PAGE.
Sequence	SDKPDMAEIE KFDKSKLKKT ETQEKNPLPS KETIEQEKQA GES
Research Area	Signal Transduction
Source	E.coli
Target Names	TMSB4X
Expression Region	2-44aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	4.9 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	3500230; 16010977; 1999398; 6548414; 18669648; 19608861; 20068231; 21269460; 21406692; 22223895; 10848969; 23009842

Image





Endotoxin

Less than 1.0 EU/ μ g as determined by LAL method.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.