

Recombinant Mouse Txn1 protein, His-tagged

Cat. No. Txn1-682M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Txn1 aa. (Met1~Ala105) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Met1~Ala105
Form	Freeze-dried powder
Molecular Mass	15kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>92%
Characteristic	The isoelectric point is 5.6.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; Purification; Amine Reactive Labeling
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°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less

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than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200g/mL
Storage buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

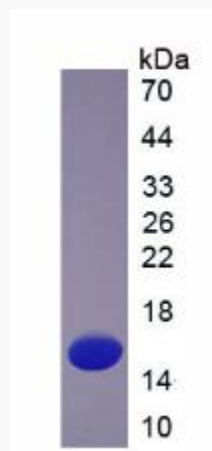
Gene Name	Txn1 thioredoxin 1 [Mus musculus (house mouse)]
Official Symbol	Txn1
Synonyms	Txn1; thioredoxin 1; ADF; Txn; Trx1; AW550880; thioredoxin; ATL-derived factor; trx
Gene ID	22166
mRNA Refseq	NM_011660.3
Protein Refseq	NP_035790.1
UniProt ID	P10639

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SDS-PAGE



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