SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Recombinant Thioredoxin (Trx)

Catalog Number: SIPA857Mu01 **Spec: 10ug**

Product Name	Recombinant Thioredoxin (Trx)
Catalog Number	SIPA857Mu01
Organism Species	Mouse
Source	Prokaryotic expression.
Host	E. coli
Residues	Met1~Ala105
Tags	N-terminal His-Tag
Tissue Specificity	Liver, Pancreas.
Subcellular Location	Nucleus. Cytoplasm. Secreted.
Purity	>92%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Original Concentration	200ug/mL
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; Purification; Amine Reactive Labeling. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	5.6
Predicted Molecular Mass	13.2kDa
Accurate Molecular Mass	15kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8oC for one month.

Aliquot and store at -80oC for 12 months.

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Stability Test: 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 37oC for 48h, and no obvious degradation and precipitation were observed.The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

MVKLIESKEA FQEALAAAGD KLVVVDFSAT WCGPCKMIKP FFHSLCDKYS
NVVFLEVDVD DCQDVAADCE VKCMPTFQFY KKGQKVGEFS GANKEKLEAS
ITEYA

[IDENTIFICATION]

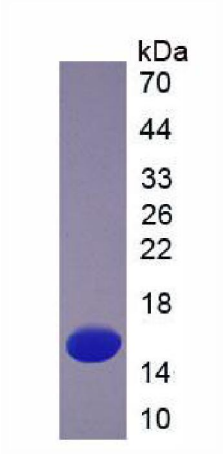


Figure 1. SDS-PAGE