Active Recombinant Mouse Txn1 protein

Cat. No. Txn1-537M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Txn1 protein(P10639)(Met1-Val105) was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Val105
Form	Lyophilized from sterile PBS, pH 7.4.Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to catalyze the reduction of insulin. The reaction leads to precipitation, which can be measured by absorbance at 650 nm.The specific activity is >4 A650/min/mg.
Molecular Mass	The recombinant mouse Txn consists of 105 amino acids and predicts a molecular mass of 11.7 KDa. It migrates as an approximately 15 KDa band in SDS-PAGE under reducing conditions.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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