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Human Thioredoxin/SASP/TXN Recombinant Protein (84-826)

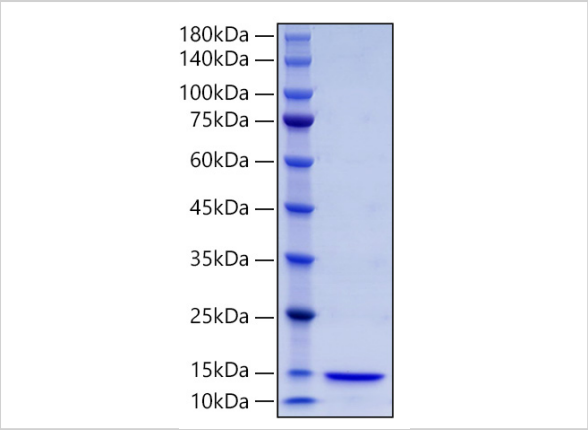
CATALOG NUMBER: 84-826

Specifications

Species	Human
Source Species	E. coli
Fusion Tag	C-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	12.45 kDa
Biological Activity	1.Measured by its binding ability in a functional ELISA. Immobilized Human TXN Protein at 1 μg/mL (100 μL/well) can bind TXN Rabbit mAb with a linear range of 0.976-5.3 ng/mL. 2.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 >9 A650/min/mg.

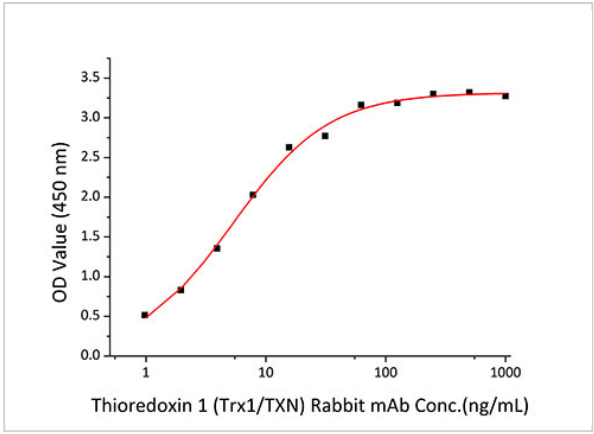
Properties

Purity	≥ 95 % as determined by SDS-PAGE.
Physical State	Lyophilized
Buffer	Lyophilized from a 0.22 μm filtered solution of 20mM Tris, 150mM NaCl, pH 8.0.Contact us for customized product form or formulation.
Storage Conditions	Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.



84-826_1

Recombinant Human Thioredoxin/SASP/TXN Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



84-826_2

Immobilized recombinant Human TXN Protein at 1μg/mL (100 μL/well) can bind TXN Rabbit mAb with a linear range of 0.976-5.3ng/mL.

Disclaimer

Disclaimer	Products are intended for laboratory research purposes only and should be used by qualified personnel only. They are not intended for use in humans. ProSci is not liable for damages or injuries resulting from receipt and/or use of ProSci materials. Please refer to the Material Safety Data Sheet (MSDS) for safe storage, handling, and use procedures.

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