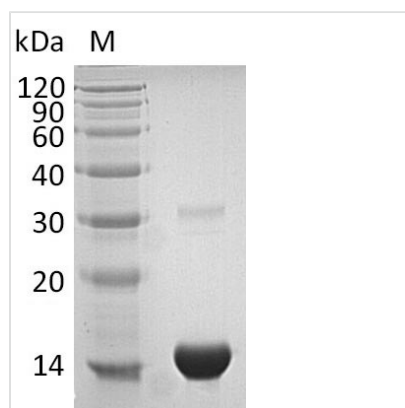




Recombinant Human Thioredoxin (TXN) (Active)

Product Code	CSB-AP005541HU
Abbreviation	Recombinant Human TXN protein (Active)
Uniprot No.	P10599
Storage Buffer	Lyophilized from a 0.2 μm filtered 20mM PB, 1mM EDTA, 2mM DTT, pH 7.2.
Product Type	Others
Immunogen Species	Homo sapiens (Human)
Biological 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 0.2-1 Abs/min/mg as measured under the described conditions.
Purity	Greater than 95% as determined by SDS-PAGE.
Sequence	MVKQIESKTAFQEALDAAGDKLVVDFSATWCGPCKMIKPFHSLSEKYSNVIF LEVDVDDCQDVASECEVKCMPTFQFFKKGQKVGESGANKEKLEATINELV
Research Area	Signal Transduction
Source	E.coli
Target Names	TXN
Expression Region	1-105aa
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	13.9 kDa
Protein Length	Full Length

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Endotoxin	Less than 1.0 EU/μg as determined by LAL method.
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.