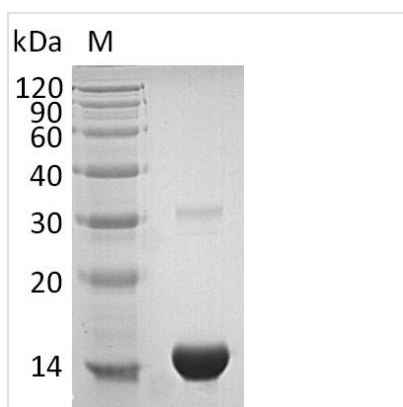




# Recombinant Human Thioredoxin (TXN) (Active)

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

## Image



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

<b>Endotoxin</b>	Less than 1.0 EU/μg as determined by LAL method.
<b>Shelf Life</b>	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.