



# Recombinant Human Thioredoxin reductase 1, cytoplasmic (TXNRD1)

<b>Product Code</b>	CSB-YP613705HU
<b>Abbreviation</b>	TXNRD1
<b>Storage</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.
<b>Uniprot No.</b>	Q16881
<b>Storage Buffer</b>	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MGCAEGKAVA AAPTELQTK GKNGDGRRRS AKDHHPGKTL PENPAGFTST ATADSRALLQ AYIDGHSVVI FSRSTCTRCT EVKKLFKSLC VPYFVLELDQ TEDGRALEGT LSELAAETDL PVVFKQRKI GGHGPTLKAY QEGRLQKLLK MNGPEDLPKS YDYDLIIIGG GSGGLAAAKE AAQYGKKVMV LDFVTPTPLG TRWGLGGTCV NVGCIPKKLM HQAALLGQAL QDSRNYGWKV EETVKHDWDR MIEAVQNHIG SLNWGYRVAL REKKVYENA YGQFIGPHRI KATNNGKKEK IYSAERFLIA TGERPRYLG I PGDKEYCISS DDLFSLPYCP GKTLVVGASY VALECAGFLA GIGLDVTVMV RSILLRGFDQ DMANKIGEHM EEHGKIFIRQ FVPIKVEQIE AGTPGRLRVV AQSTNSEEII EGEYNTVMLA IGRDACTRKI GLETVGVKIN EKTGKIPVTD EEQTNVPYIY AIGDILEDKV ELTPVAIQAG RLLAQRLYAG STVKCDYENV PTTVFTPLEY GACGLSEEKA VEKFGEENIE VYHSYFWPLE WTIPSRDNNK CYAKIICNTK DNERVVG FHV LGPNAGEVTQ GFAAALKCGL TTKQLDSTIG IHPVCAEVFT TLSVTKRSGA SILQAGCUG
<b>Source</b>	Yeast
<b>Target Names</b>	TXNRD1
<b>Protein Names</b>	Recommended name: Thioredoxin reductase 1, cytoplasmic Short name= TR EC= 1.8.1.9 Alternative name(s): Gene associated with retinoic and interferon- induced mortality 12 protein Short name= GRIM-12 Short name= Gene assoc
<b>Expression Region</b>	1-649
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a



concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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