

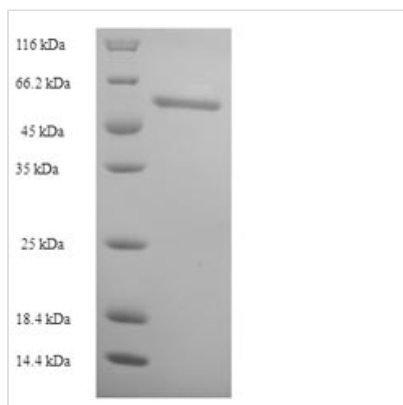


Recombinant Human Thioredoxin reductase 1, cytoplasmic (TXNRD1), partial

Product Code	CSB-EP613705HU(F5)
Relevance	Isoform 1 may possess glutaredoxin activity as well as thioredoxin reductase activity and induces actin and tubulin polymerization, leading to formation of cell membrane protrusions. Isoform 4 enhances the transcriptional activity of estrogen receptors alpha and beta while isoform 5 enhances the transcriptional activity of the beta receptor only. Isoform 5 also mediates cell death induced by a combination of interferon-beta and retinoic acid.
Abbreviation	Recombinant Human TXNRD1 protein, partial
Storage	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.
Uniprot No.	Q16881
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MNGPEDLPKSYDYDLIIIGGGSGGLAAAKEAAQYGKKVMVLDVFTPTPLGTRW GLGGTCVNVGCIKPKLMHQAALLGQALQDSRNYGWKVEETVKHDWDRMIEA VQNHIGSLNWGYRVALREKKVYENAYGQFIGPHRIKATNNKGKEKIYSAERF LIATGERPRYLGIPGDKEYCISDDLFSLPYCPGKTLVVGASYVALECAGFLAGI GLDVTVMVRSILLRGFDDQDMANKIGEHEMEEHGKIFIRQFVPIKVEQIEAGTPGR LRVVAQSTNSEEIIIEGEYNTVMLAIGRDACTRKIGLETVGVKINEKTGKIPVTDE EQTNVPYIYAIGDILEDKVELTPVAIQAGRLLAQRLYAGSTVKCDYENVPTTVFT PLEYGACGLSEEKAVEKFGEENIEVYHSYFWPLEWTIPSRDNNKCYAKIICNTK DNERVVG FHVLPNAGEVTQGFAAALKCGLTKKQLDSTIGIHPVCAEVFTTLS VTKRSGASILQAGC
Research Area	Cell Biology
Source	E.coli
Target Names	TXNRD1
Expression Region	1-497aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	70.5kDa
Protein Length	Partial of Isoform 5



Image



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

Shelf Life

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