



Recombinant Human Thioredoxin reductase 2, mitochondrial (TXNRD2) (U523S)

Product Code	CSB-MP885675HU
Abbreviation	TXNRD2
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.	Q9NNW7
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	QRDYDLLVGGGSGGLACAKEAAQLGRKVAVVDYVEPSPQGTRWGLGGTCV NVGCIPKKLMMHQAALLGGLIQDAPNYGWEVAQPVPDWRKMAEAVQNHVKS LNWGHVRVQLQDRKVKYFNKASFVDEHTVCGVAKGGKEILLSADHIIIATGGRP RYPHIEGALEYGITSDDIFWLKESPGKTLVVGASYVALECAGFLTIGLDTTIM MRSIPLRGFDQQMSSMVEIHMASHGTRFLRGCAPSRVRRLPDGQLQVTWED STTGKEDTGTFTVLWAIGRVPDTRSLNLEKAGVDTSPDTQKILVDSREATSV PHIYAIGDVVEGRPELTPAIIMAGRLLVQRLFGGSSDLMDYDNPVPTTFTPLEY GCVGLSEEEAVARHGQEHVEVYHAHYKPLEFTVAGRDASQCYVKMVCLREP PQLVLGLHFLGPNAGEVTQGFALGIKCGASYAQVMRTVGIHPTCSEEVVKLRIS KRSGLDPTVTGCSG
Source	Mammalian cell
Target Names	TXNRD2
Protein Names	Recommended name: Thioredoxin reductase 2, mitochondrial EC= 1.8.1.9Alternative name(s): Selenoprotein Z Short name= SelZ TR-beta Thioredoxin reductase TR3
Expression Region	37-524aa(U523S)
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	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.



Shelf Life

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