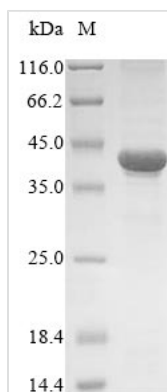




Recombinant Human Thioredoxin domain-containing protein 5 (TXNDC5)

Product Code	CSB-EP847679HUe1
Relevance	Possesses thioredoxin activity. Has been shown to reduce insulin disulfide bonds. Also complements protein disulfide-isomerase deficiency in yeast
Abbreviation	Recombinant Human TXNDC5 protein
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.	Q8NBS9
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MEDAKVYVAKVDCTAHSDVCSAQQGVRGYPTLKLFPKGQEA VKYQGPRDFQT LENWMLQTLNEEPVTPEPEVEPPSAPELKQGLYELSASNFE LHVAQGDHFIKF FAPWCGHCKALAPTWEQLALGLEHSETVKIGKVDCTQH YELCSGNQVRGYPT LLWFRDGGKKVDQYKGGKRDLESLREYVESQLQRTETGATETVTPSEAPVLA AE PEADKGTVLALTENNFDDTIAEGITFIKFYAPWCGHCKTLAPTWEELSKKEFPG LAGVKIAEVDCTAERNICKYSVRGYPTLLLFRGGKKVSEHSGGRDLDSLHRF VLSQAKDEL
Research Area	Cell Biology
Source	E.coli
Target Names	TXNDC5
Protein Names	Endoplasmic reticulum resident protein 46
Expression Region	1-324aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	36.2 kDa
Protein Length	Full Length of Isoform 2
Image	



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

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

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.