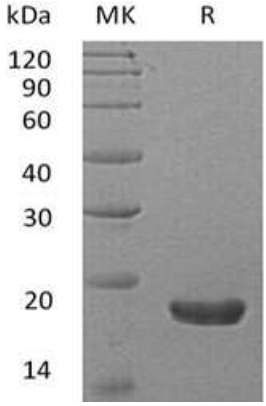
Recombinant Human TXNDC12 (C-6His)

Catalog No: C673

Description	Recombinant Human Thioredoxin Domain-Containing Protein 12 is produced by our Mammalian expression system and the target gene encoding His27-Leu168 is expressed with a 6His tag at the C-terminus.
Source	Human Cells
Alternative name	Thioredoxin Domain-Containing Protein 12; Endoplasmic Reticulum Resident Protein 18; ER Protein 18; ERp18; Endoplasmic Reticulum Resident Protein 19; ER Protein 19; ERp19; Thioredoxin-Like Protein p19; hTLP19; TXNDC12; TLP19
Accession No.	O95881
Predicted Molecular Weight	16.98kDa
AP Molecular Weight	18kDa, reducing conditions.
Formulation	Supplied as a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, 10% Glycerol, pH 7.4.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Quality Control	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Storage	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Background	Thioredoxin Domain-Containing Protein 12 belongs to the thioredoxin superfamily. In this family, proteins possess a thioredoxin fold with a consensus active-site sequence (CxxC) and have roles in redox regulation, defense against oxidative stress, refolding of disulfide-containing proteins, and regulation of transcription factors. TXNDC12 is widely expressed in many tissues and contains one thioredoxin domain.

SDS-Page



MK: Marker

R: Sample under reducing conditions