

Thioredoxin Domain Containing 12 Human Recombinant

Item Number	rAP-4943
Synonyms	Thioredoxin domain containing 12 (endoplasmic reticulum), Endoplasmic reticulum resident protein 18, Endoplasmic reticulum resident protein 19, endoplasmic reticulum thioredoxin superfamily member 18 kDa, thioredoxin domain-containing protein 12, protein
Description	TXNDC12 Human Recombinant produced in E. coli is a single polypeptide chain containing 184 amino acids (27-172) and having a molecular mass of 20.8 kDa. TXNDC12 is fused to a 38 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	O95881
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMHN GLKGFGDHI HWRTLEDGKK EAAASGLPLM VIIHKSWCGA CKALKPKFAE STEISELSHN FVMVNLEDEE EPKDEDFSPD GGYIPRILFL DPSGKVHPEI INENGNSYK YFYVSAEQVV QGMKEAQERL TGDAFRKKHL EDEL
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The TXNDC12 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**