

Thioredoxin Domain Containing 17 Human Recombinant

Item Number	rAP-4941
Synonyms	Thioredoxin domain containing 17, Thioredoxin-like protein 5, Protein 42-9-9, thioredoxin (Trx)-related protein 14 kDa, TRP14, TXNL5, MGC14353.
Description	TXNDC17 Human Recombinant produced in E. coli is a single polypeptide chain containing 147 amino acids (1-123) and having a molecular mass of 16.5kDa. TXNDC17 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9BRA2
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHPMARYEE VSVSGFEEFH RAVEQHNGKT IFAYFTGSKD AG-GKSWCPDC VQAEPVVREG LKHISEGCVF IYCQVGEKPY WKDPNNDFRK NLKVTAVPTL LKYGTPQKLVESECLQANLV EMLFSED
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 TXNDC17 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 50mM NaCl and 10% glycerol. Greater than 95% 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**