

## 32-5166: Recombinant Human Thioredoxin Domain Containing 17

**Alternative Name :** Thioredoxin domain containing 17,Thioredoxin-like protein 5,Protein 42-9-9,thioredoxin (Trx)-related protein 14 kDa,TRP14,TXNL5,MGC14353.

### Description

Source : E.coli. 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. TXNDC17 is a disulfide reductase that takes part in several redox reactions using the reversible oxidation of its active center dithiol to a disulfide and catalyzes dithiol-disulfide exchange reactions. TXNDC17 has peroxidase activity and assists to eliminate cellular hydrogen peroxide.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 95% as determined by SDS-PAGE.  
**Content :** The TXNDC17 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 50mM NaCl and 10% glycerol.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SGLVPRGSH MGSHMARYEE VSVSGFEFFH RAVEQHNGKT IFAYFTGSKD  
AGGKSWCPDC VQAEPVREG LKHISEGCVF IYCQVGEKPY WKDPNDFRK NLKVTAVPTL  
LKYGTPQKLV ESECLQANLV EMLFSED

