

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 SSGLVPRGSH MGSHPMARYEE VSVSGFEEFH RAVEQHNGKT IFAYFTGSKD
 AGGKSWCPDC VQAEPVVREG LKHISEGCVF IYCQVGEKPY WKDPNNDFRK NLKVTAVPTL LKYGTPQKLV
 ESECLQANLV EMLFSED

