

**TXNDC17, 1-123aa, Human, His tag, E.coli**

**Cat.NO.: TP04356**

3th Edition

**Synonyms:** Thioredoxin domain-containing protein 17, TRP14, TXNL5

**Description:** TXNDC17, also known as thioredoxin domain-containing protein 17, is disulfide reductase. This protein may participate in various redox reactions through the reversible oxidation of its active center dithiol to a disulfide and catalyze dithiol-disulfide exchange reactions. TXNDC17 has peroxidase activity and may contribute to the elimination of cellular hydrogen peroxide. Recombinant human TXNDC17 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

**Form:** Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 0.05M NaCl

**Molecular Weight:** 16.5 kDa (147aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSHMARYEEVSVSGFEFHRAVEQHNGKTIFAYFTGSKDAGGKSWCPDCVQA  
EPVVREGLKHISEGCVFIYCQVGEKPYWKDPNDFRKNLKVTAVPTLLKYGTPQKLVESECLQANLVEMLFSED

**Purity:** > 95% by HPLC

**Concentration:** 1 mg/ml (determined by BCA assay)

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.