

Product information

TXNDC17, 1-123aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1450

Full name: Thioredoxin domain-containing protein 17

NCBI Accession No.: NP_116120

Synonyms: TRP14, TXNL5

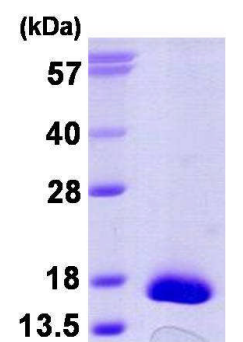
Description: TXNDC17, also known as thioredoxin domain-containing protein 17, is disulfide reductase. This protein may participate in various redox reactions through the reversible oxidation of its active center dithiol to a disulfide and catalyze dithiol-disulfide exchange reactions. TXNDC17 has peroxidase 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

Purity: > 95% by SDS - PAGE

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



15% SDS-PAGE (3ug)

Sequences of amino acids:

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

General references:

Jeong W., *et al.* (2004) *J. Biol. Chem.* 279:3142-3150

Jeong W., *et al.* (2004) *J. Biol. Chem.* 279:3151-3159

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.