

## 32-7577: Recombinant Human Thioredoxin Domain-Containing Protein 12/TXNDC12/ERp18 (C-6His)

**Gene :** TXNDC12  
**Gene ID :** 51060  
**Uniprot ID :** O95881

### Description

Source: Human Cells.

MW :16.98kD.

Recombinant Human TXNDC12 is produced by our Mammalian expression system and the target gene encoding His27-Leu168 is expressed with a 6His tag at the C-terminus. Thioredoxin Domain-Containing Protein 12 belongs to the thioredoxin superfamily. In this family, proteins possess a thioredoxin fold with a consensus active-site sequence (CxxC) and have roles in redox regulation, defense against oxidative stress, refolding of disulfide-containing proteins, and regulation of transcription factors. TXNDC12 is widely expressed in many tissues and contains one thioredoxin domain.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 10% Glycerol, pH 7.4.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** HNGLGKGFGDHIHWRTLEDGKKEAAASGLPLMVIIHKS WC GACKALKPKFAESTEISELSHNFVMVNLEDEEEP  
KDEDFSPDGGYIPRILFLDPSGKVHPEIINENG NPSYKYFYVSAEQVVQGMKEAQERLTGDAFRKKHLVDHHHH  
HH

### Application Note

**Endotoxin :** Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.