

Recombinant Human TXNDC12 protein, His-SUMO-tagged

Cat. No. TXNDC12-3638H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TXNDC12 protein(O95881)(27-172aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	27-172aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	32.4 kDa
AA Sequence	HNGLGKGFGDHIHWRTLEDGKKKEAAASGLPLMVIIHKSWCGACKALKPKFAESTEIS ELSHNFVMVNLEDEEEKDEDFSPDGGYIPRILFLDPSGKVHPEIINENGNPYSKYFY VSAEQVVQGMKEAQERLTGDAFRKKHLEDEL
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name TXNDC12 thioredoxin domain containing 12 (endoplasmic reticulum) [Homo sapiens]

Official Symbol TXNDC12

Synonyms TXNDC12; thioredoxin domain containing 12 (endoplasmic reticulum); thioredoxin domain-containing protein 12; AGR1; anterior gradient homolog 1 (Xenopus laevis); endoplasmic reticulum thioredoxin superfamily member; 18 kDa; ERP18; ERP19; hAG 1; PDIA16; protein disulfide isomerase family A; member 16; TLP19; ER protein 18; ER protein 19; anterior gradient homolog 1; thioredoxin-like protein p19; endoplasmic reticulum protein ERp19; endoplasmic reticulum resident protein 18; endoplasmic reticulum resident protein 19; protein disulfide isomerase family A, member 16; endoplasmic reticulum thioredoxin superfamily member, 18 kDa; AG1; ERP16; hAG-1; hTLP19;

Gene ID 51060

mRNA Refseq NM_015913

Protein Refseq NP_056997

MIM 609448

UniProt ID O95881

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