

Recombinant Human TXNDC12, His-tagged

Cat. No. TXNDC12-3497H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TXNDC12 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-172aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

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;

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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
Chromosome Location	1p32.3
Pathway	Glutathione metabolism, organism-specific biosystem; Glutathione metabolism, conserved biosystem; glutathione redox reactions II, organism-specific biosystem;
Function	oxidoreductase activity; protein-disulfide reductase (glutathione) activity;