

Recombinant Human ERP44, His-tagged

Cat. No. ERP44-30128TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length TXNDC4 (Human) with His-Tag at N-terminus.
Species	Human
Source	E.coli
ProteinLength	377 amino acids
Description	ERP44 is a novel endoplasmic reticulum chaperone involved in thiol-dependent retention of the early secretory pathway, forming mixed disulfides with substrate proteins through its conserved CRFS motif.
Conjugation	HIS
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 50mM Tris acetate, 1mM EDTA, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequence Similarities	Contains 1 thioredoxin domain.

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GENE INFORMATION

Gene Name	ERP44 endoplasmic reticulum protein 44 [Homo sapiens]
Official Symbol	ERP44
Synonyms	ERP44; endoplasmic reticulum protein 44; thioredoxin domain containing 4 (endoplasmic reticulum) , TXNDC4; endoplasmic reticulum resident protein 44; KIAA0573; PDIA10; protein disulfide isomerase family A; member 10;
Gene ID	23071
mRNA Refseq	NM_015051
Protein Refseq	NP_055866
MIM	609170
Uniprot ID	Q9BS26
Chromosome Location	9q22.33
Function	protein disulfide isomerase activity;

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