

## Recombinant Human ERP44, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length TXNDC4 (Human) with His-Tag at N-terminus.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	377 amino acids
<b>Description</b>	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.
<b>Conjugation</b>	HIS
<b>Form</b>	Liquid
<b>Purity</b>	>90% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: 20% Glycerol, 50mM Tris acetate, 1mM EDTA, pH 7.5
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Sequence Similarities</b>	Contains 1 thioredoxin domain.

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## GENE INFORMATION

<b>Gene Name</b>	ERP44 endoplasmic reticulum protein 44 [ Homo sapiens ]
<b>Official Symbol</b>	ERP44
<b>Synonyms</b>	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;
<b>Gene ID</b>	23071
<b>mRNA Refseq</b>	NM_015051
<b>Protein Refseq</b>	NP_055866
<b>MIM</b>	609170
<b>Uniprot ID</b>	Q9BS26
<b>Chromosome Location</b>	9q22.33
<b>Function</b>	protein disulfide isomerase activity;

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