

Recombinant Human ERP44 protein(Met1-Asp402), His-tagged

Cat. No. ERP44-646H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ERP44 (NP_055866.1) (Met1-Asp402) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Asp402
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human ERP44 consists 384 amino acids and predicts a molecular mass of 44.7 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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; ER protein 44; thioredoxin domain-containing protein 4; endoplasmic reticulum resident protein 44 kDa; protein disulfide isomerase family A, member 10; thioredoxin domain containing 4 (endoplasmic reticulum); TXNDC4;
Gene ID	23071
mRNA Refseq	NM_015051
Protein Refseq	NP_055866
MIM	609170
UniProt ID	Q9BS26

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