

Recombinant Human ERP27, 26-273 aa, His-tagged

Cat. No. ERP27-3379H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ERP27 protein was expressed in <i>E. coli</i> and purified by using conventional chromatography techniques. MW = 30 kDa (269aa).
Species	Human
Source	<i>E. coli</i>
Description	ERP27 (endoplasmic reticulum protein 27 kDa) is widely expressed protein that localize to the ER and may act as proteases, protein disulfide isomerases, thiol-disulfide oxidases or phospholipases. ERP27 does not contain a CXXC active site motif indicating that it is a catalytically redox-inactive member of the protein disulfide isomerase family.
Form	Liquid. In 20mM Tris buffer(pH 8.0) containing 10% glycerol, 1mM DTT.
Purity	> 90% by SDS - PAGE.
Concentration	1 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SGLVPRGSH MEVEKSSDGP GAAQEPTWLT DVPAAMEFIA ATEVAVIGFF QDLEIPAVPI LHSMVQKFPG VSFGISTDSE VLTHYNITGN TICLFRLLVDN EQLNLEDEDI ESIDATKLSR FIEINSLHMV TEYNPVTVIG LFNSVIQIHL LLIMNKASPE YEENMHRYQK AAKLFQGGKIL FILVDSGMKE NGKVISFFKL KESQLPALAI YQTLDDDEWDT LPTAEVSVEH VQNFCDGFLS GKLLKENRES EGKTPKVEL.

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Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

ERP27 endoplasmic reticulum protein 27 [Homo sapiens]

Synonyms

endoplasmic reticulum protein 27; PDIA8; C12orf46; FLJ32115; ERP27; endoplasmic reticulum resident protein 27; ER protein 27; endoplasmic reticulum protein 27 kDa; protein disulfide isomerase family A, member 8

Gene ID

121506

mRNA Refseq

NM_152321

Protein Refseq

NP_689534

MIM

610642

UniProt ID

Q96DN0

**Chromosome
Location**

12p12.3

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