

## Recombinant Human ERP27, His-tagged

**Cat. No.** ERP27-26232TH    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant full length mature Human ERP27 , with N terminal His tag, 269aa, 30kDa.                                                                  |
| <b>Species</b>          | Human                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                               |
| <b>ProteinLength</b>    | 248 amino acids                                                                                                                                      |
| <b>Description</b>      | ERP27 is a noncatalytic member of the protein disulfide isomerase (PDI; see MIM 608012) family of endoplasmic reticulum (ER) proteins (Alanen et al. |
| <b>Conjugation</b>      | HIS                                                                                                                                                  |
| <b>Molecular Weight</b> | 30.000kDa inclusive of tags                                                                                                                          |
| <b>Form</b>             | Liquid                                                                                                                                               |
| <b>Purity</b>           | >90% by SDS-PAGE                                                                                                                                     |
| <b>Storage buffer</b>   | Preservative: NoneConstituents: 10% Glycerol, 20mM Tris, 1mM DTT, pH 8.0                                                                             |
| <b>Storage</b>          | Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.                                      |

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**Sequences of amino acids**

MGSSHHHHHH SSGLVPRGSH MEVEKSSDGP GAAQEPTWLT DVPAAMEFIA  
 ATEVAVIGFF QDLEIPAVPI LHSMVQKFPG VSFGISTDSE VLTHYNITGN  
 TICLFRLLVDN EQLNLEDEDI ESIDATKLSR FIEINSLHMV TEYNPVTVIG  
 LFNSVIQIHL LLIMNKASPE YEENMHRYQK AAKLFQGKIL FILVDSGMKE  
 NGKVISFFKL KESQLPALAI YQTLDDDEWDT LPTAEVSVEH VQNFCDGFLS  
 GKLLKENRES EGKTPKVEL

**GENE INFORMATION**

**Gene Name** ERP27 endoplasmic reticulum protein 27 [ Homo sapiens ]

**Official Symbol** ERP27

**Synonyms** ERP27; endoplasmic reticulum protein 27; C12orf46, chromosome 12 open reading frame 46 , endoplasmic reticulum protein 27 kDa; endoplasmic reticulum resident protein 27; ERp27; FLJ32115; PDIA8; 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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