

Recombinant Full Length Human ERP27 Protein, GST-tagged

Cat. No. ERP27-4605HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ERP27 full-length ORF (NP_689534.1, 1 a.a. - 273 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	273 amino acids
Description	This gene encodes a noncatalytic member of the protein disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins. The canonical protein has an N-terminal signal sequence, two thioredoxin (TRX)-like domains and a C-terminal ER-retention sequence. Alternative splicing results in multiple transcript variants encoding distinct isoforms; some of which lack domains present in the canonical protein. [provided by RefSeq, Dec 2016]
Molecular Mass	56.9 kDa
AA Sequence	MEAAPSRFMFLLFLLTCELAEEVAAEVEKSSDGPAAQEPTWLTDVPAAMEFIAATE VAVIGFFQDLEIPAVPILHSMVQKFPGVSGISTDSEVLTHYNITGNTICLFRDVDNEQL NLEDEDIESIDATKLSRFIEINSLHMTVEYNPVTVIGLFNSVIQIHLLIMNKASPEYEEN MHRYQKAAKLFQGKILFILVDSGMKENGKVISFFKLKESQLPALAIYQTLDDDEWDTLP TAEVSVEHVQNFCDGFLSGKLLKENRESEGKTPKVEL
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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; ER protein 27; endoplasmic reticulum protein 27 kDa; protein disulfide isomerase family A, member 8; C12orf46;
Gene ID	121506
mRNA Refseq	NM_152321
Protein Refseq	NP_689534
MIM	610642
UniProt ID	Q96DN0

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