

Recombinant Human ERP27 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ERP27-6138H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ERP27 MS Standard C13 and N15-labeled recombinant protein (NP_689534) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	30.5 kDa
AA Sequence	MEAAPSRFMFLLFLLTCELAEEVAAEVEKSSDGPGAAQEPTWLTDPAAAMEFIAATE VAVIGFFQDLEIPAVPILHSMVQKFPVGSFGISTDSEVLTHYNITGNTICLFRLLVDNEQL NLEDEDIESIDATKLSRFIEINSLHMTVEYNPVTVIGLFNSVIQIHLLIMNKASPEYEEN MHRYQKAAKLFQGGKILFILVDSGMKENGKVISFFKLKESQLPALAIYQTLDDDEWDTLP TAEVSVEHVQNFCDFGLSGKLLKENRESEGKTPKVELTRTRPLEQKLISEEDLAANDI LDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

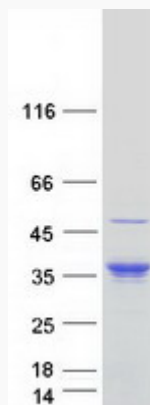
GENE INFORMATION

Gene Name	ERP27 endoplasmic reticulum protein 27 [Homo sapiens (human)]
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA