

Product datasheet for **AR09769PU-N**

ERP27 (26-273, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	ERP27 (26-273, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MEVEKSSDGP</u> GAAQEPTWLT DVPAAMEFIA ATEVAVIGFF QDLEIPAVPI LHSMVQKFPG VSGISTDSE VLTHYNITGN TICLFRLVDN EQLNLEDEDI ESIDATKLSR FIEINSLHMV TEYNPVTVIG LFNSVIQIHL LLMNKASPE YEENMHRVYQK AAKLFQGKIL FILVDSGMKE NGKVISFFKL KESQLPALAI YQTLDDDEWDT LPTAEVSVEH VQNFCDGFLS GKLLKENRES EGKTPKVEL
Tag:	His-tag
Predicted MW:	30 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris buffer (pH 8.0) containing 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ERP27 protein was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001287713</u>
Locus ID:	121506
UniProt ID:	<u>Q96DNO</u> , <u>F5GYS6</u>
Cytogenetics:	12p12.3
Synonyms:	C12orf46; PDIA8



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Summary:

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]

Product images: