

Endoplasmic Reticulum Resident Protein 27 Recombinant Protein | ERP27 recombinant protein

Recombinant Human Endoplasmic Reticulum Resident Protein 27

CATALOG # AAA174584	HOST HEK293 Human Cells
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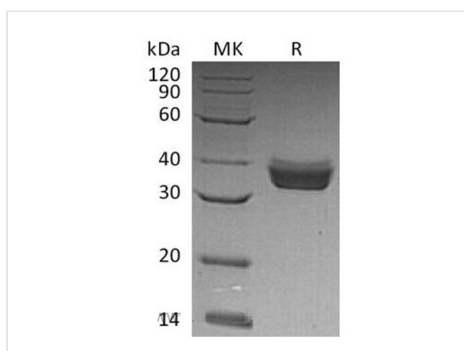
PRODUCT SYNONYMS

Endoplasmic Reticulum Resident Protein 27; Recombinant Human Endoplasmic Reticulum Resident Protein 27; ER Protein 27; ERp27; ERP27; C12orf46; ERP27 recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Human Cells
Purity/Purification	>95% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from 0.2um filtered solution of 20mM PB, 50mM NaCl, 6% Trehalose, 2% Mannitol, 0.05% Tween80, pH 7.0
Sequence	Glu26-Leu2 73
Sequence Length	172
Species	Human
Endotoxin	<1.0 EU per ug as determined by LAL test.
Tag	C-6His
Preparation and Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20°C to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ERP27 recombinant protein	Endoplasmic reticulum resident protein 27, also known as ER protein 27, C12orf46 and ERP27, is an endoplasmic reticulum luminal protein which is a member of the protein disulfide isomerase family. ERP27 contains one thioredoxin domain and does not contain a CXXC active site motif. ERP27 is widely expressed in many tissues; it has highest expression in pancreas, with lower levels in spleen, lung, kidney, thymus, and bone marrow. ERP27 interacts with PDIA3 and binds somatostatin-14 via hydrophobic interactions. ERP27 may act as a protease, protein disulfide isomerase, thiol-disulfide oxidase or phospholipase.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	663854316
NCBI GeneID	121506
NCBI Accession #	NP_001287713.1
NCBI GenBank Nucleotide #	NM_001300784.1
UniProt Accession #	Q96DN0
Molecular Weight	Molecular Mass: 28.8kDa Actual Protein Molecular Mass: 32-38kDa
NCBI Official Full Name	endoplasmic reticulum resident protein 27 isoform 2
NCBI Official Synonym Full Names	endoplasmic reticulum protein 27
NCBI Official Symbol	ERP27
NCBI Official Synonym Symbols	PDIA8; C12orf46
NCBI Protein Information	endoplasmic reticulum resident protein 27
UniProt Protein Name	Endoplasmic reticulum resident protein 27
UniProt Gene Name	ERP27
UniProt Synonym Gene Names	C12orf46; ER protein 27; ERp27

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.