

Product datasheet for **TP725907**

ERP27 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Endoplasmic Reticulum Resident Protein 27/ERP27 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Glu26-Leu273
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 20 mM PB, 150 mM NaCl, pH7.4
Note:	Recombinant Human Endoplasmic Reticulum Resident Protein 27 is produced by our Mammalian expression system and the target gene encoding Glu26-Leu273 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	121506
UniProt ID:	Q96DN0
Synonyms:	Endoplasmic Reticulum Resident Protein 27; ER Protein 27; ERp27; ERP27; C12orf46
Summary:	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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