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Datasheet for ABIN7319254 ERP27 Protein (His tag)

Overview

Quantity:	50 µg
Target:	ERP27
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ERP27 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human ERP27 Protein (His Tag)
Sequence:	Glu26-Leu273
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	ERP27
Alternative Name:	ERP27 (ERP27 Products)
Background:	Background: 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

Target Details

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.

Synonym: Endoplasmic Reticulum Resident Protein 27, ER Protein 27, ERp27, ERP27, C12orf46

Molecular Weight: 28.8 kDa

UniProt: [Q96DN0](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 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.