

Recombinant Full Length Human ERP29 Protein, C-Flag-tagged

Cat. No. ERP29-1492HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ERP29 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a protein which localizes to the lumen of the endoplasmic reticulum (ER). It is a member of the protein disulfide isomerase (PDI) protein family but lacks an active thioredoxin motif, suggesting that this protein does not function as a disulfide isomerase. The canonical protein dimerizes and is thought to play a role in the processing of secretory proteins within the ER. Alternative splicing results in multiple transcript variants encoding different isoforms.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	25.8 kDa
AA Sequence	MAAAVPRAAFLSPLLPLLLGFLLLSAPHGGSLHTKGALPLDTVTFYKVIPKSKFVLV KFDTQYPYGEKQ DEFKRLAENSASSDDLVAEVGISDYGDKLNMESEKYKLDKES YPVFYLFRDGFENPVPYTGAVKVGA IQRWLKGQGVYLGMPGCLPVYDALAGEFIR ASGVEARQALLKQGQDNLSSVKETQKKWAEQYLKIMGKIL DQGEDFPASEMTRIARLIEKNKMSDGKKEELQKSLNILTAQKKGAKEELTRTRPLE QKLISEEDLAANDILDYKDDDDKV

 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

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	ERP29 endoplasmic reticulum protein 29 [Homo sapiens (human)]
Official Symbol	ERP29
Synonyms	ERp28; ERp31; PDIA9; PDI-DB; C12orf8; HEL-S-107
Gene ID	10961
mRNA Refseq	NM_006817.4
Protein Refseq	NP_006808.1
MIM	602287

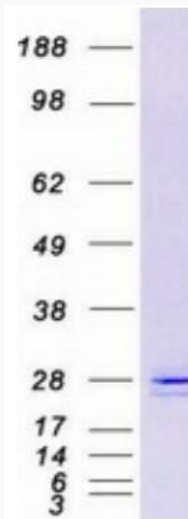
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UniProt ID

P30040



Coomassie blue staining of purified ERP29 protein.

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