

#### OriGene Technologies, Inc.

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# Product datasheet for TP310918

### ERP29 (NM\_006817) Human Recombinant Protein

#### **Product data:**

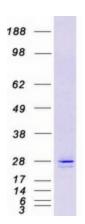
Description:Recombinant protein of human endoplasmic reticulum protein 29 (ERP29), transcript variant 1, 20 µgSpecies:HumanExpression Host:HEK293TExpression cDNA ClowRed=Cloning site Green=Tags(s)Red=Cloning site Green=Tags(s)Red=Cloning site Green=Tags(s)Red=ClowDEFKRLAENSASSDLLVAEVGISDYGKLNMELSEKYKLDKESPYPYPIFRDGDFENPVPYTGAVKVGA IQRWLKGQGYVLGMPGCLPVYDALAGEFIRASQVEARQALLKQGQDNLSSVKETQKKWAEQYLKIMGKNL DQEEDFPASEMTRIARLIEKNKMSDGKKEELQKSLNILTAFQKKGAEKEELTag:C-Myc/DDKTag:C-Myc/DDKPredicted MW:5.08 kDaOoncentration:0.05 µg/µL as determined by microplate BCA methodPurity:S 30% as determined by SDS-PAGE and Coomassie blue stainingBuffer:S 50m Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolRecombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience sone loss of protein during the filtration process.Storage:Stole for 2 months from the date of receipt of the product under proper storage and handing conditions, Avoid repeated freeze-thaw cycles.RefSeq:NP06808Locus ID:10961	Product Type:	Recombinant Proteins
Expression Host:HEK293TExpression cDNA color>RC210918 protein sequence Red=Cloning site Green=Tags(s)MAAAVPRAAFLSPLLPLLLGFLLLSAPHGGSGLHTKGALPLDTVTFYKVIPKSKFVLVKFDTQYPYGAVKVGA LQRWLKGQGVYLGMPGCLPVYDALAGEFIRASGVEARQALLKQGQDNLSSVKETQKKWAEQYLKIMGKKL DQGEDFPASEMTRIARLIEKNKMSDGKKEELQKSLNILTAFQKKGAEKEELTag:CMyc/DDKFredicted MW:5.8 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.05 µg/µL as determined by microplate BCA methodPreparation:Sc mM Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolNote:Sc mobinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:So tre sting in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Storage Sci protein during the filtration process.Forese;NP 006808	Description:	
Everession cDNA CloneRC210918 protein sequenceRed=Cloning site Green=Tags(s)MAAAVPRAAFLSPLLPLLLGFLLLSAPHGGSGLHTKGALPLDTVFFKVIPKSKFVLVKFDTQYPGEKQ DEFKRLAENSASSDDLLVAEVGISDYGDKLNMELSEKYKLDKESYPVFJLFRDGDFENPVPYTGAVKVGA LQEEDFPASEMTRIARLIEKNKMSDGKKEELQKSLNILTAFQKKGAEKEELTag:TRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPredicted MW:25.8 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Scombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Sor esting in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:MP 066808	Species:	Human
or AA Sequence:Red=Cloning site Green=Tags(s)MAAAVPRAAFLSPLLPLLGFLLLSAPHGGSGLHTKGALPLDTVTFYKVIPKSKFVLVKFDTQYPYGEKQ DEFKRLAENSASSDDLLVAEVGISDYGDKLNMELSEKYKLDKESYPVFYLFRDGDFENPVPYTGAVKVGA IQRWLKGQGYYLGMPGCLPVYDALAGEFIRASGVEARQALLKQGQDNLSSVKETQKKWAEQYLKIMGKIL DQGEDFPASEMTRIARLIEKNKMSDGKKEELQKSLNILTAFQKKGAEKEELTag:C.Myc/DDKTag:C.Myc/DDKPredicted MW:25.8 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Storage:Storage:Storage:Stora et -80°C.Stability:Stable for 12 months from the date of receipt of the product under proper storage and handing conditions. Avoid repeated freeze-thaw cycles.Refseq:NP 006808	Expression Host:	HEK293T
DEFKRLAENSASSDDLLVAEVGISDYGDKLNMELSEKYKLDKESYPVFYLFRDGDFENPVPYTGAVKVGA IQRWLKGQGVYLGMPGCLPVYDALAGEFIRASGVEARQALLKQGQDNLSSVKETQKKWAEQYLKIMGKIL DQGEDFPASEMTRIARLIEKNKMSDGKKEELQKSLNILTAFQKKGAEKEELTag:CMyc/DDKTag:C-Myc/DDKPredicted MW:25.8 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Store at -80°C.Stability:Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:M P 006808	•	
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handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 006808	Storage:	Store at -80°C.
•	Stability:	
Locus ID: 10961	RefSeq:	<u>NP 006808</u>
	Locus ID:	10961



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	ERP29 (NM_006817) Human Recombinant Protein – TP310918
UniProt ID:	<u>P30040, V9HW71</u>
RefSeq Size:	1472
Cytogenetics:	12q24.13
RefSeq ORF:	783
Synonyms:	C12orf8; ERp28; ERp31; HEL-S-107; PDI-DB; PDIA9
Summary:	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. [provided by RefSeq, Dec 2016]
Protein Families:	Transmembrane

## **Product images:**



Coomassie blue staining of purified ERP29 protein (Cat# TP310918). The protein was produced from HEK293T cells transfected with ERP29 cDNA clone (Cat# [RC210918]) using MegaTran 2.0 (Cat# [TT210002]).

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