

Product datasheet for **TP302733M**

PAR4 (PAWR) (NM_002583) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human PRKC, apoptosis, WT1, regulator (PAWR), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC202733 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MATGGYRTSSGLGGSTTDFLEEWKAKREKMRKQNPFGPAPGGGSSDAAGKPPAGALGTPAAAAANELN
NNLPGGAPAAPVPGPGGVNCAVGSAMLTRAAPGPRRSEDEPPAASASAAPPPQRDEEEDGVPEKGKSS
GPSARKGKGQIEKRKLREKRRSTGVNIPAAECLDEYEDDEAGQKERKREDAITQQNTIQNEAVNLLDPG
SSYLLQEPRTVSGRYKSTTSVSEEDVSSRYSRTDRSGFPRYNRDANVSGTLVSSSTLEKKIEDLEKEV
RERQENLRLVRLMQDKEEMIGKLKEEIDLLNRDLDDIEDENEQLKQENKTLKLVGQLTR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	36.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	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:	NP_002574
Locus ID:	5074



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UniProt ID: [Q96IZ0](#)

RefSeq Size: 1967

Cytogenetics: 12q21.2

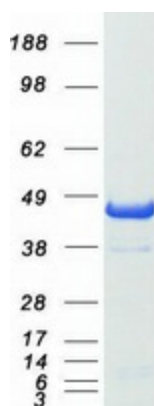
RefSeq ORF: 1020

Synonyms: Par-4; PAR4

Summary: This gene encodes a tumor suppressor protein that selectively induces apoptosis in cancer cells through intracellular and extracellular mechanisms. The intracellular mechanism involves the inhibition of pro-survival pathways and the activation of Fas-mediated apoptosis, while the extracellular mechanism involves the binding of a secreted form of this protein to glucose regulated protein 78 (GRP78) on the cell surface, which leads to activation of the extrinsic apoptotic pathway. This gene is located on the unstable human chromosomal 12q21 region and is often deleted or mutated in different tumors. The encoded protein also plays an important role in the progression of age-related diseases. [provided by RefSeq, Aug 2017]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified PAWR protein (Cat# [TP302733]). The protein was produced from HEK293T cells transfected with PAWR cDNA clone (Cat# [RC202733]) using MegaTran 2.0 (Cat# [TT210002]).