

Product datasheet for TP302733L

OriGene Technologies, Inc.

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PAR4 (PAWR) (NM_002583) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human PRKC, apoptosis, WT1, regulator (PAWR), 1 mg

Species: Human Expression Host: HEK293T

Expression cDNA >RC202733 protein sequence Clone or AA Sequence: Red=Cloning site Green=Tags(s)

MATGGYRTSSGLGGSTTDFLEEWKAKREKMRAKQNPPGPAPPGGGSSDAAGKPPAGALGTPAAAAANELN NNLPGGAPAAPAVPGPGGVNCAVGSAMLTRAAPGPRRSEDEPPAASASAAPPPQRDEEEPDGVPEKGKSS GPSARKGKGQIEKRKLREKRRSTGVVNIPAAECLDEYEDDEAGQKERKREDAITQQNTIQNEAVNLLDPG SSYLLQEPPRTVSGRYKSTTSVSEEDVSSRYSRTDRSGFPRYNRDANVSGTLVSSSTLEKKIEDLEKEVV

RERQENLRLVRLMQDKEEMIGKLKEEIDLLNRDLDDIEDENEQLKQENKTLLKVVGQLTR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 36.4 kDa

Concentration: $>0.05 \mu g/\mu L$ 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



PAR4 (PAWR) (NM_002583) Human Recombinant Protein - TP302733L

UniProt ID:Q96IZ0RefSeq Size:1967Cytogenetics:12q21.2RefSeq ORF:1020

Synonyms: Par-4; PAR4

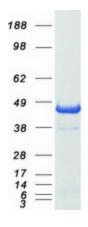
Summary: This gene encodes a tumor suppressor protein that selectively induces apoptosis in cancer cells

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 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]).