

Recombinant Human PAWR

Cat. No. PAWR-28664TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human PAR4 with N-terminal proprietary tag. Mol Wt 37.73 kDa inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	110 amino acids
Description	The tumor suppressor WT1 represses and activates transcription. The protein encoded by this gene is a WT1-interacting protein that itself functions as a transcriptional repressor. It contains a putative leucine zipper domain which interacts with the zinc finger DNA binding domain of WT1. This protein is specifically upregulated during apoptosis of prostate cells.
Molecular Weight	37.730kDa inclusive of tags
Tissue specificity	Widely expressed. Expression is elevated in various neurodegenerative diseases such as amyotrophic lateral sclerosis, Alzheimer, Parkinson and Huntington diseases and stroke. Down-regulated in several cancers.
Form	Liquid
Purity	Proprietary Purification

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Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	SVSEEDVSSRYSRTDRSGFPRYNRDANVSGTLVSSSTLEK KIEDLEKEVVRERQEN LRLVRLMQDKKEEMIGKLKEEIDLL NRDLDDIEDENEQLKQENKTLKVVGQLTR

GENE INFORMATION

Gene Name	PAWR PRKC, apoptosis, WT1, regulator [Homo sapiens]
Official Symbol	PAWR
Synonyms	PAWR; PRKC, apoptosis, WT1, regulator; PRKC apoptosis WT1 regulator protein; par 4; PAR4;
Gene ID	5074
mRNA Refseq	NM_002583
Protein Refseq	NP_002574
MIM	601936
Uniprot ID	Q96IZ0
Chromosome Location	12q21.2
Pathway	Ceramide signaling pathway, organism-specific biosystem; Coregulation of Androgen receptor activity, organism-specific biosystem; IL-4 signaling Pathway, organism-

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	specific biosystem;
Function	actin binding; enzyme binding; leucine zipper domain binding; protein binding; transcription corepressor activity;

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