

## Recombinant Human PAWR

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment of Human PAR4 with N-terminal proprietary tag. Mol Wt 37.73 kDa inclusive of tag.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Protein Length</b>	110 amino acids
<b>Description</b>	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.
<b>Molecular Weight</b>	37.730kDa inclusive of tags
<b>Tissue specificity</b>	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.
<b>Form</b>	Liquid
<b>Purity</b>	Proprietary Purification

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

## GENE INFORMATION

<b>Gene Name</b>	PAWR PRKC, apoptosis, WT1, regulator [ Homo sapiens ]
<b>Official Symbol</b>	PAWR
<b>Synonyms</b>	PAWR; PRKC, apoptosis, WT1, regulator; PRKC apoptosis WT1 regulator protein; par 4; PAR4;
<b>Gene ID</b>	5074
<b>mRNA Refseq</b>	NM_002583
<b>Protein Refseq</b>	NP_002574
<b>MIM</b>	601936
<b>Uniprot ID</b>	Q96IZ0
<b>Chromosome Location</b>	12q21.2
<b>Pathway</b>	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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