

## Product datasheet for **TP303796**

### PCP4 (NM\_006198) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Purkinje cell protein 4 (PCP4), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203796 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MSERQGAGATNGKDKTSGENDGQKKVQEEFDIDMDAPETERAAVAIQSQRKFQKKKAGSQS  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	6.6 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:	<a href="#">NP_006189</a>
Locus ID:	5121
UniProt ID:	<a href="#">P48539</a>
RefSeq Size:	566
Cytogenetics:	21q22.2



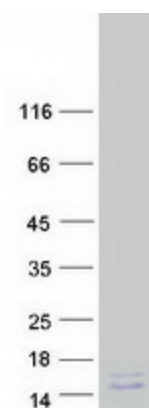
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RefSeq ORF: 186

Synonyms: PEP-19

Summary: Functions as a modulator of calcium-binding by calmodulin. Thereby, regulates calmodulin activity and the different processes it controls (PubMed:19106096, PubMed:23204517, PubMed:27876793). For instance, may play a role in neuronal differentiation through activation of calmodulin-dependent kinase signaling pathways (PubMed:21491429). [UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified PCP4 protein (Cat# TP303796). The protein was produced from HEK293T cells transfected with PCP4 cDNA clone (Cat# [RC203796]) using MegaTran 2.0 (Cat# [TT210002]).