

## Product datasheet for **TP301945L**

### PPP2R5D (NM\_006245) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens protein phosphatase 2, regulatory subunit B', delta isoform (PPP2R5D), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201945 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MPYKLLKKEKEPPKVAKCTAKPSSSGKDGGGENTEEAQPQPQPQPQAQSQPPSSNKRPSNSTPPPTQLS  
KIKYSGGPQIVKKERRQSSSRFNLSKNRELQKLPALKDSPTQEREELFIQKLRQCCLVDFVSDPLSDLK  
FKEVKRAGLNEMVEYITHSRDVVTEAIYPEAVTMFSVNLFRLLPSSNPTGAEFDPEEDEPTLEAAWPHL  
QLVYEFFLRFLESPDFQPNIKKYIDQKFLVALLDLFDSERPRERDFLTKILHRIYKFLGLRAYIRRQI  
NHIFYRFIYETEHHNGIAELLEILGSIINGFALPLKEEHKMFILRVLLPLHKVKSLSVYHPQLAYCVVQF  
LEKESLTPVIVGLLKFWPKTHSPKEVMFLNELEEILDVIEPSEFSKVMELFRQLAKCVSSPHFQVAE  
RALYWNNEYIMSLISDNAARVLPIMFPALYRNSKSHWNKTIHGLIYNALKLFMEMNQKLFDDCTQQYKA  
EKQKGRFRMKEREEMWQKIEELARLNPQYPMFRAPPPLPPVYSMETETPTAEDIQLLKRTVETEAVQMLK  
DIKKEKVVLLRRKSELPQDVYTIKALEAHKRAEEFLTASQEAL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

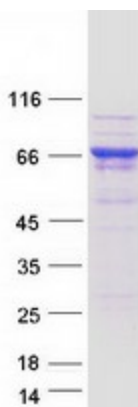
Tag:	C-Myc/DDK
Predicted MW:	69.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_006236</a>
<b>Locus ID:</b>	5528
<b>UniProt ID:</b>	<a href="#">Q14738</a> , <a href="#">A0A024RD11</a>
<b>RefSeq Size:</b>	3065
<b>Cytogenetics:</b>	6p21.1
<b>RefSeq ORF:</b>	1806
<b>Synonyms:</b>	B56D; B56delta; MRD35
<b>Summary:</b>	The product of this gene belongs to the phosphatase 2A regulatory subunit B family. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The B regulatory subunit might modulate substrate selectivity and catalytic activity. This gene encodes a delta isoform of the regulatory subunit B56 subfamily. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]
<b>Protein Families:</b>	Phosphatase
<b>Protein Pathways:</b>	Oocyte meiosis, Wnt signaling pathway

### Product images:



Coomassie blue staining of purified PPP2R5D protein (Cat# [TP301945]). The protein was produced from HEK293T cells transfected with PPP2R5D cDNA clone (Cat# [RC201945]) using MegaTran 2.0 (Cat# [TT210002]).