

## Product datasheet for **TP760026**

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

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human protein phosphatase 2, regulatory subunit B', delta (PPP2R5D), transcript variant 1, full length, with N-terminal HIS tag, expressed in E.Coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length PPP2R5D
Tag:	N-His
Predicted MW:	70 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, pH 8.0, 150 mM NaCl, 100 mM arginine, 10% glycerol
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_006236</a>
Locus ID:	5528
UniProt ID:	<a href="#">Q14738</a> , <a href="#">A0A024RD11</a>
RefSeq Size:	3065
Cytogenetics:	6p21.1
RefSeq ORF:	1806
Synonyms:	B56D; B56delta; MRD35



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**Summary:**

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]

**Protein Families:**

Phosphatase

**Protein Pathways:**

Oocyte meiosis, Wnt signaling pathway

**Product images:**