

## Product datasheet for **TP311763M**

### PPP1R14D (NM\_017726) Human Recombinant Protein

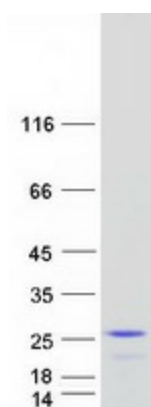
#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human protein phosphatase 1, regulatory (inhibitor) subunit 14D (PPP1R14D), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211763 protein sequence <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)  MLSSSPASCTSPSPDGENPCKKVHWASGRRRTSSTDSESKSHPDSSKIPSRRRPSRLTVKYDRGQLQRWL EMEQWVDAQVQELFQDQATPSEPEIDLEALMDLSTEEQKTQLEAILGNCPRPTAEFISELLSQLKKLRRL SRPQK  <span style="color: red;">TR</span> TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	16.3 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:	<u><a href="#">NP_060196</a></u>
Locus ID:	54866
UniProt ID:	<u><a href="#">Q9NXH3</a></u>


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RefSeq Size:	764
Cytogenetics:	15q15.1
RefSeq ORF:	435
Synonyms:	CPI17-like; GBPI-1; GBPI1
Summary:	Protein phosphatase-1 (PP1; see MIM 176875) is a major cellular phosphatase that reverses serine/threonine protein phosphorylation. PPP1R14D is a PP1 inhibitor that itself is regulated by phosphorylation (Liu et al., 2004 [PubMed 12974676]).[supplied by OMIM, Feb 2010]
Protein Families:	Druggable Genome

### Product images:



Coomassie blue staining of purified PPP1R14D protein (Cat# [TP311763]). The protein was produced from HEK293T cells transfected with PPP1R14D cDNA clone (Cat# [RC211763]) using MegaTran 2.0 (Cat# [TT210002]).