

Product datasheet for **TP311763**

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, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211763 protein sequence Red =Cloning site Green =Tags(s)
	MLSSSPASCTSPSPDGENPCKKVHWASGRRRTSSTDSESKSHPDSSKIPRSRRPSRLTVKYDRGQLQRWL EMEQWVDAQVQELFQDQATPSEPEIDLEALMDLSTEEQKTQLEAILGNCPRPTEAFISELLSQLKLRRL SRPQK
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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>NP_060196</u>
Locus ID:	54866
UniProt ID:	<u>Q9NXH3</u>



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RefSeq Size: 764

Cytogenetics: 15q15.1

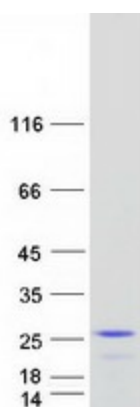
RefSeq ORF: 435

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]).