

Product datasheet for PH311763

PPP1R14D (NM_017726) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PPP1R14D MS Standard C13 and N15-labeled recombinant protein (NP_060196)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211763
Predicted MW:	16.5 kDa
Protein Sequence:	<p>>RC211763 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MLSSSPASCTSPSPDGENPCKKVHWASGRRTSSTDSESKSHPDSSKIPRSRRPSRLTVKYDRGQLQRWL EMEQWVDAQVQELFQDQATPSEPEIDLEALMDLSTEEQKTQLEAILGNCRPTEAFISELLSQLKKLRRLL SRPQK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_060196
RefSeq Size:	764
RefSeq ORF:	435
Synonyms:	CPI17-like; GBPI-1; GBPI1
Locus ID:	54866
UniProt ID:	Q9NXH3

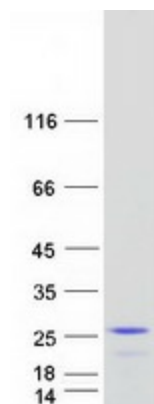

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Cytogenetics: 15q15.1

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]).