

## Product datasheet for PH322339

### PTPDC1 (NM\_152422) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PTPDC1 MS Standard C13 and N15-labeled recombinant protein (NP_689635)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222339
Predicted MW:	90 kDa
Protein Sequence:	>RC222339 representing NM_152422 Red=Cloning site Green=Tags(s)
	<p>MQVQDATRRPSAVRFLSSFLQGRRHSTSDPVLRLQQARRGSGLGSGSATKLLSSSSLQVMVAVSSVSHAE GNPTFFPERKRNLERPTPKYTKVGERLRHVIPGHMACSMACGGRACKYENPARWSEQEQAIGVYSSWVTD NILAMARPSSELLEKYHIIDQFLSHGIKTIINLQRPGEHASCNPLEQESGFTYLPEAFMEAGIYFYNFG WKDYGVASLTTIILDMVKVMTFALQEGKVAIHCHAGLGRTGVLIACYLVFATRMTADQAIIFVRAKRPNSI QTRGQLLCVREFQFLTPLRNIFSCCDPKAHAVTLPQYLIRQRHLLHGYEARLLKHVPKIIHLVCKLLLD LAENRPVMMKDVSEGPGLSAEIEKTMSEMVTMQLDKELLRHSDVSNPPNPTAVAADFDRNGMIFSNQQ FDPLWKRNRNVECLQPLTHLKRRLSYSDSDLKRAENLLEQGETPQTVPAQILVGHKPRQQLISHCYIPQS PEPDLHKEALVRSTLSFWSQSKFGLLEGLKDNQSPFIHGRIPKEAQQSGAFSADVSGSHSPGPEVSPSF ANVHKDPNPAHQVSHCQCKTHGVGSPGVRQNSRTPRSPDCGSSPKAQFLVEHETQDSKDLSEAASHS ALQSELSAEARRILAAKALANL NESVEKEELKRK VEMWQKELNSRDGAWERICGERDPFILCSLMWSWE QLKEPVI TKEDVDMLVDRRADA AEALFLEKGGHQHTILCVLHCIVNLQTI PVDVEEAFLAHAIAKAF TKVN FDESENGPTVYNTLKKIFKHTLEEKRKMTKDGPKPGL</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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_689635</a>



[View online »](#)

RefSeq Size:	4398
RefSeq ORF:	2418
Synonyms:	PTP9Q22
Locus ID:	138639
UniProt ID:	<a href="#">A2A3K4</a>
Cytogenetics:	9q22.32

**Summary:** The protein encoded by this gene contains a characteristic motif of protein tyrosine phosphatases (PTPs). PTPs regulate activities of phosphoproteins through dephosphorylation. They are signaling molecules involved in the regulation of a wide variety of biological processes. The specific function of this protein has not yet been determined. Alternatively spliced transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Phosphatase

### Product images:



Coomassie blue staining of purified PTPDC1 protein (Cat# [TP322339]). The protein was produced from HEK293T cells transfected with PTPDC1 cDNA clone (Cat# [RC222339]) using MegaTran 2.0 (Cat# [TT210002]).