

## Product datasheet for TP322339M

### PTPDC1 (NM\_152422) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human protein tyrosine phosphatase domain containing 1 (PTPDC1), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222339 representing NM_152422 Red=Cloning site Green=Tags(s)

MQVQDATRRPSAVRFLSSFLQGRRHSTSDPVLRLQQARRGSLGSGSATKLLSSSSLQVMVAVSSVSHAE  
GNPTFPERKRNLERPTPKYTKVGERLRHVIPGHMACSMACGGRACKYENPARWSEQEQAIGVYSSWVTD  
NILAMARPSELLEKYHIIDQFLSHGIKTIINLQRPGEHASCNPLEQESGFTYLPEAFMEAGIYFYNFG  
WKDYGVASLTTILDMVKVMTFALQEGKVAIHCHAGLGRTGVLIACYLVFATRMTADQAIIFVRAKRPNSI  
QTRGQLLCVREFTQFLTPLRNIFSCCDPKAHAVTLPQYLIRQRHLLHGYEARLLKHVPKIIHLVCKLLLD  
LAENRPVMMKDVSEGPGLSAEIEKTMSEMVTMQLDKELLRHSDVSNPPNPTAVAADFDNRGMIFSNEQQ  
FDPLWKRRNVECLQPLHLKRRLSYSDSDLKRAENLLEQGETPQTPAQILVGHKPRQQKLISHCYIPQS  
PEPDLHKEALVRSTLSFWSQSKFGGLEGLKDNGPSIFHGRIIPKEAQQSGAFSADVSGSHSPGEPVSPSF  
ANVHKDPNPAHQVSHCQCKTHGVGSPGSRQNSRTPRSPLDCGSSPKAQFLVEHETQDSKDLSEAASHS  
ALQSELAEARRILAAKALANLNESVEKEELKRKIVEMWQKELNSRDGAWERICGERDPFILCSLMWSWVE  
QLKEPVITKEDVDMLVDRRADAEEALFLEKGQHQTILCVLHCIVNLQTIPVDVEEAFLAHAIFAFTKVN  
FDSENGPTVYNTLKKIKFKHTLEEKRMKTKDGPKPGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

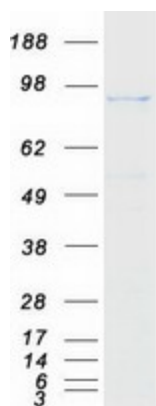
Tag:	C-Myc/DDK
Predicted MW:	90 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_689635</a>
<b>Locus ID:</b>	138639
<b>UniProt ID:</b>	<a href="#">A2A3K4</a>
<b>RefSeq Size:</b>	4398
<b>Cytogenetics:</b>	9q22.32
<b>RefSeq ORF:</b>	2418
<b>Synonyms:</b>	PTP9Q22
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).