

Product datasheet for TP322339L

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, 1 mg
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
LAENRPVMMKDVSEGPGLSAEIEKTMSEMVTMQLDKELLRHSDVSNPPNPTAVAADFNRGMIFSNEQQ
FDPLWKRRNVECLQPLHLKRRLSYSDSDLKRAENLLEQGETPQTVPAQILVGHKPRQQKLISHCYIPQS
PEPDLHKEALVRSTLSFWSQSKFGGLEGLKDNGPSIFHGRIIPKEAQQSGAFSADVSGSHSPGEPVSPSF
ANVHKDPNPAHQVSHCQCKTHGVGSPGSRQNSRTPRSPLDCGSSPKAQFLVEHETQDSKDLSEAASHS
ALQSELAEARRILAAKALANLNESVEKEELKRKVMWQKELNSRDGAWERICGERDPFILCSLMWSWVE
QLKEPVITKEDVDMLVDRRADAEEALFLEKGQHQTILCVLHCIVNLQTIIPVDVEEAFLAHAIFAFTKVN
FDSENGPTVYNTLKKIKFKHTLEEKRMKTKDGPKPGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKVV

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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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:	NP_689635
Locus ID:	138639
UniProt ID:	A2A3K4
RefSeq Size:	4398
Cytogenetics:	9q22.32
RefSeq ORF:	2418
Synonyms:	PTP9Q22
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]).