

Product datasheet for **TP308971**

PTPDC1 (NM_177995) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human protein tyrosine phosphatase domain containing 1 (PTPDC1), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208971 protein sequence Red =Cloning site Green =Tags(s)

MAAGVLPQNEQPYSTLVNNSSECVANMKGNLERPTPKYTKVGERLRHVIPGHMACSMACGGRACKYENPAR
WSEQEQAIKGVYSSWVTDNILAMARPSSELLEKYHIIDQFLSHGIKTIINLQRPGEHASCNPLEQESGF
TYLPEAFMEAGIYFYNFGWKDYGVASLTTLDMVKVMTFALQEGKVAIHCHAGLGRGTGVLACIYLVFATR
MTADQAIIFVRAKRPNSIQTRGQLLCVREFTQFLTPLRNIFSCCDPKAHAVTLPQYLIRQRHLLHGYEAR
LLKHVPKIIHLVCKLLDLAENRPVMMKDVSEGPGLSAEIEKTMSEMVTMQLDKELLRHDSDFSNPPNPT
AVAADFNRGMIFSNEQQFDPLWKRRNVECLQPLTHLKRRLSYSDSLKRAENLLEQGETPQTPVAQILV
GHKPRQKQLISHCYIPQSPEPDLHKEALVRSTLSFWSQSKFGGLEGLKDNQSPIFHGRIIPKEAQSGAF
SADVSGSHSPGEPVSPSFANVHKDPNPAHQVSHCQCKTHGVGSPGSRVQNSRTPRSPDLCGSSPKAQFL
VEHETQDSKDLSEAASHALQSELSAEARRILAAKALANL NESVEKEELKRKVMWQKELNSRDGAWERI
CGERDPFILCSLMWSWVEQLKEPVITKEDVDM LVD RRA DAAEALFLEKGGHQTILCVLHCIVNLQTIPV
DVEEAFLAHAIKAFTKVNFDSENGPTVYNTLKKIFKHTLEEKRKMTKDGPKPGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

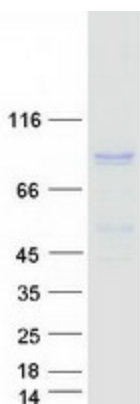
Tag:	C-Myc/DDK
Predicted MW:	84.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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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_818931
Locus ID:	138639
UniProt ID:	A2A3K4
RefSeq Size:	4527
Cytogenetics:	9q22.32
RefSeq ORF:	2262
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# TP308971). The protein was produced from HEK293T cells transfected with PTPDC1 cDNA clone (Cat# [RC208971]) using MegaTran 2.0 (Cat# [TT210002]).