

## Product datasheet for **TP308971L**

### 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, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208971 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAAGVLPQNEQPYSTLVNNSSECVANMKGNLERPTPKYTKVGERLRHVIPGHMACSMACGGGRACKYENPAR  
WSEQEQAIKGVYSSWVTDNILAMARPSSELLEKYHIIDQFLSHGIKTIINLQRPGEHASCNPLEQESGF  
TYLPEAFMEAGIYFYNFGWKDYGVASLTTLDMVKVMTFALQEGKVAIHCHAGLGRGTGLIACYLVFATR  
MTADQAIIFVRAKRPNSIQTRGQLLCVREFTQFLTPLRNIFSCCDPKAHAVTLPQYLIRQRHLLHGYEAR  
LLKHVPKIIHLVCKLLDLAENRPVMMKDVSEGPGLSAEIEKTMSEMVTMQLDKELLRHSDSDFSNPPNPT  
AVAADFNRGMIFSNEQQFDPLWKRRNVECLQPLTHLKRRLSYSDSLKRAENLLEQGETPQTPVAQILV  
GHKPRQQKLISHCYIPQSPEPDHKEALVRSTLSFWSQSKFGGLEGLKDNGPSIFHGRIIPKEAQQSGAF  
SADVSGSHSPGEPVSPSFANVHKDPNPAHQVSHCQCKTHGVGSPGSRVQNSRTPRSPDLCGSSPKAQFL  
VEHETQDSKDLSEAASHALSQSELSAEARRILAAKALANLNESVEKEELKRKVMWQKELNSRDGAWERI  
CGERDPFILCSLMWSWVEQLKEPVITKEDVDMLVDRRADAEEALFLEKGGHQHTILCVLHCIVNLQTIPV  
DVEEAFLAHAIKAFTKVNFDSENGPTVYNTLKKIFKHTLEEKRKMTKDGPKPL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

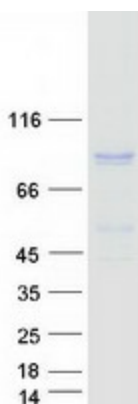
Tag:	C-Myc/DDK
Predicted MW:	84.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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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<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_818931</a>
<b>Locus ID:</b>	138639
<b>UniProt ID:</b>	<a href="#">A2A3K4</a>
<b>RefSeq Size:</b>	4527
<b>Cytogenetics:</b>	9q22.32
<b>RefSeq ORF:</b>	2262
<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# [TP308971]). The protein was produced from HEK293T cells transfected with PTPDC1 cDNA clone (Cat# [RC208971]) using MegaTran 2.0 (Cat# [TT210002]).