

Product datasheet for **TP308971M**

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, 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC208971 protein sequence Red =Cloning site Green =Tags(s) |

MAAGVLPQNEQPYSTLVNNSSECVANMKGNLERPTPKYTKVGERLRHVIPGHMACSMACGGGRACKYENPAR
WSEQEQAIKGVYSSWVTDNILAMARPSSELLEKYHIIDQFLSHGIKTIINLQRPGEHASCNPLEQESGF
TYLPEAFMEAGIYFYNFGWKDYGVASLTTLDMVKVMTFALQEGKVAIHCHAGLGRGTGVLACIYLVFATR
MTADQAIIFVRAKRPNSIQTRGQLLCVREFTQFLTPLRNIFSCCDPKAHAVTLPQYLIRQRHLLHGYEAR
LLKHVPKIIHLVCKLLDLAENRPVMMKDVSEGPGLSAEIEKTMSEMVTMQLDKELLRHDSDFSNPPNPT
AVAADFNRGMIFSNEQQFDPLWKRRNVECLQPLTHLKRRLSYSDSLKRAENLLEQGETPQTPVAQILV
GHKPRQKQLISHCYIPQSPEPDHKEALVRSTLSFWSQSKFGGLEGLKDNQSPIFHGRIIPKEAQQSGAF
SADVSGSHSPGEPVSPSFANVHKDPNPAHQVSHCQCKTHGVGSPGSRVQNSRTPRSPDLCGSSPKAQFL
VEHETQDSKDLSEAASHALSQELSAEARRILAAKALANL NESVEKEELKRKVMWQKELNSRDGAWERI
CGERDPFILCSLMWSWVEQLKEPVITKEDVDMLVDRRADAEEALFLEKQHQHTILCVLHCIVNLQTIPV
DVEEAFLAHAIKAFTKVNFDSENGPTVYNTLKKIFKHTLEEKRKMTKDGPKPL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

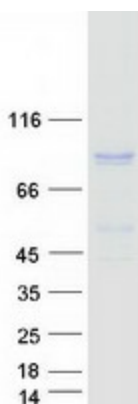
| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 84.3 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: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



[View online »](#)

| | |
|-------------------|--|
| 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]).