

Recombinant Human PTPDC1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PTPDC1-1426H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PTPDC1 MS Standard C13 and N15-labeled recombinant protein (NP_689635) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	90 kDa
AA Sequence	MQVQDATRRPSAVRFLSSFLQGRRHSTSDPVLRLQQARRGSLGSGSATKLLSSS SLQVMVAVSSVSHAEGNPTFPERKRNLERPTPKYTKVGERLRHVIPGHMACSMAC GGRACKYENPARWSEQEQAIGVYSSWVTDNILAMARPSSELLEKYHIIDQFLSHGI KTIINLQRPGEHASCNPLEQESGFTYLPEAFMEAGIYFYNFGWKDYGVASLTITLD MVKVMTFALQEGKVAIHCHAGLGRTGVLIACYLVFATRMTADQAIIFVRAKRPNSIQT RGQLLCVREFTQFLTPLRNIFSCCDPKAHAVTLPQYLIRQRHLLHGYEARLLKHVPKII HLVCKLLLDLAENRPVMMKDVSEGPGLSAEIEKTMSEMVTMQLDKELLRHDSVSN

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PPNPTAVAADFDNRGMIFSNEQQFDPLWKRRNVECLQPLTHLKRRLSYSDSDLKRA
 ENLLEQGETPQTVPAQILVGHKPRQQKLISHCYIPQSPEPDLHKEALVRSTLSFWSQ
 SKFGGLEGLKDNGSPIFHGRIIPKEAQQSGAFSADVSGSHSPGEPVSPSFANVHKDP
 NPAHQQVSHCQCKTHGVGSPGSRQNSRTPRSPDCGSSPKAQFLVEHETQDSK
 DLSEAASHSALQSELSAEARRILAAKALANLNESVEKEELKRKVEMWQKELNSRDG
 AWERICGERDPFILCSLMWSWVEQLKEPVITKEDVDMLVDRRADAAEALFLEKGQ
 HQTILCVLHCIVNLQTIPVDVEEAFLAHAIIKAFTKVNFDSENGPTVYNTLKKIFKHTLEE
 KRKMTKDGPKPGLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name PTPDC1 protein tyrosine phosphatase domain containing 1 [Homo sapiens (human)]

Official Symbol PTPDC1

Synonyms PTPDC1; protein tyrosine phosphatase domain containing 1; protein tyrosine phosphatase domain-containing protein 1; FLJ37312; protein tyrosine phosphatase PTP9Q22; PTP9Q22; FLJ42922;

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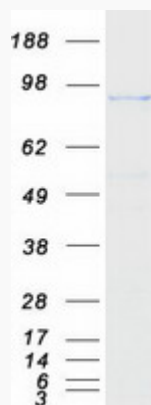
Gene ID 138639

mRNA Refseq NM_152422

Protein Refseq NP_689635

UniProt ID A2A3K4

SDS-PAGE



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