

Datasheet for ABIN7557975
PTPDC1 Protein (AA 1-747) (His tag)



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Overview

Quantity:	1 mg
Target:	PTPDC1
Protein Characteristics:	AA 1-747
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PTPDC1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Ptpdc1 Protein expressed in mammalien cells.
Sequence:	MAAGVLPQNE DPYSTLVNSS GHAAHMDENS GRPAPKYTKV GERLRHVIPG HMACSMACGG RACKYENPAR WSEQEQAIG VYSSWVTDNI LAMARPSSSEL LEKYRIIEQF LGQGIKTIIN LQRPGEHASC GSALEQESGF TYLPEAFMEA GIYFYNFGWK DYGVASLTAI LDMVKVMTFA LQEGKVAVHC HAGLGRTGVL IACYLVFATR MTADQAIIFV RAKRPNSIQT RGQLLCVREF TQFLAPLRNI FSCCDPKAHA VTLAQYLIRQ RHLLHGYEAR LLKYVPKIIH LVCKLLLDLA ENRPVVMKSM LEGPVLSAEI EKTVSEMTL QLDQELLRQN SDVPDPFNPT AEVAEFENQD VILSTEQefd PLWKRRDIEC LQPLTHLKRQ LSYSDSDLKR AKAILEQGET PWTVPAQELL DHSLQHqkpt SHCYMPPTPE LGFNKEALVQ NTFsfwTPSK CGGLEGLKDE GLLLLCRKDI PKEVQRsrtf SVGVSCSHNP GEPVPPNFTS IHKdPEQVTH CRCEAPGGWV PGPVHEMVRS PCsPLNCGSS PKAQFPHGQE TQDSTDLSEA VPHAGLQPEL SAEARRILAA KALANLNEFV EKEEVKRKVE MWQKELNSRE EAWERICGER DPFILCSLMW SWVEQLKEPV ITKEDVDMLV

Product Details

DRQADAAEAL FLLEKGQYQT ILCVLHCIVS LQTLPMEVEE ACLLHAIKAF TKVNFDSSENG
PIVYDTLKKI FKHTLEEKRK MAKDSL **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

PTPDC1

Alternative Name:

Ptpdc1 ([PTPDC1 Products](#))

Background:

Protein tyrosine phosphatase domain-containing protein 1 (EC 3.1.3.-),FUNCTION: May play roles in cilia formation and/or maintenance. {ECO:0000269|PubMed:21289087}.

Molecular Weight:

83.9 kDa

UniProt:

[Q6NZK8](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a

Application Details

guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months