

Recombinant Mouse Ptpdc1 Protein, Myc/DDK-tagged

Cat. No. Ptpdc1-5233M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein tyrosine phosphatase domain containing 1 (Ptpdc1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The protein encoded by this gene is a centrosomal mitotic phosphatase. This protein has been implicated in centrosomal duplication and cytokinesis. In addition, knockdown of expression levels in non-cycling cells results in extra long cilia, suggesting that this protein may function in regulating cilia length independent of a function in cell cycle control. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Mass	84.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Ptpdc1 protein tyrosine phosphatase domain containing 1 [Mus musculus (house mouse)]

Official Symbol Ptpdc1

Synonyms PTPDC1; protein tyrosine phosphatase domain containing 1; protein tyrosine phosphatase domain-containing protein 1; Naa-1; AI843923; AW456874

Gene ID 218232

mRNA Refseq NM_207232

Protein Refseq NP_997115

UniProt ID Q6NZK8

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