

Pyridoxal phosphate phosphatase (Pdxp) Recombinant Protein | Pdxp recombinant protein

Recombinant Mouse Pyridoxal phosphate phosphatase (Pdxp)

CATALOG # AAA113181	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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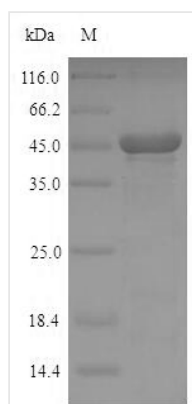
PRODUCT SYNONYMS

Pyridoxal phosphate phosphatase (Pdxp); Recombinant Mouse Pyridoxal phosphate phosphatase (Pdxp); Pyridoxal phosphate phosphatase; PLP phosphatase; EC=3.1.3.3; EC=3.1.3.74; Chronophin; Pdxp recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-292aa; Full Length
Sequence	MARCELRGA ALRDVLGQAQ GVLFDCDGV L WNGERIVPGA PELLQRLARA GKNTLFVSNN SRRARPELAL RFARLGFAGL RAEQLFSSAL CAARLLRQRL SGPPDASGAV FVLGGEGRLA ELRAAGLRLA GDPGEDPRVR AVLVG YDEQF SFSRLTEACA HLRDPDCLLV ATDRDPWHPL SDGSRTPGTG SLAAAVETAS GRQALVVGKP SPYMFQCITE DFSVDPARTL MVGDRLETDI LFGHRCGMITT VLTLTGVSSL EEAQAYLTAG QRDLVPHYVV ESIADLMEGL ED
Sequence Length	292
Species	Mus musculus (Mouse)
Production Note	Special Offer: The E Coli, Yeast host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli, Yeast host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli, Yeast host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli, Yeast host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Pdxp recombinant protein	Protein serine phosphatase that dephosphorylates 'Ser-3' in cofilin and probably also dephosphorylates phospho-serine residues in DSTN. Regulates cofilin-dependent actin cytoskeleton reorganization. Required for normal progress through mitosis and normal cytokinesis (By similarity). Does not dephosphorylate phospho-threonines in LIMK1. Does not dephosphorylate peptides containing phospho-tyrosine. Pyridoxal phosphate phosphatase. Has some activity towards pyridoxal 5'-phosphate (PLP), pyridoxine 5'-phosphate (PMP) and pyridoxine 5'-phosphate (PNP), with a highest activity with PLP followed by PNP.
Product Categories/Family for Pdxp recombinant protein	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	47059486
NCBI GeneID	57028
NCBI Accession #	NP_064667.2
NCBI GenBank Nucleotide #	NM_020271.3
UniProt Accession #	P60487
Molecular Weight	33.5 kDa
NCBI Official Full Name	pyridoxal phosphate phosphatase
NCBI Official Synonym Full Names	pyridoxal (pyridoxine, vitamin B6) phosphatase
NCBI Official Symbol	Pdxp
NCBI Official Synonym Symbols	PLPP; AB041662; 1600027H05Rik
NCBI Protein Information	pyridoxal phosphate phosphatase; chronophin; chronophilin; PLP phosphatase; PLP-phosphatase
UniProt Protein Name	Pyridoxal phosphate phosphatase
UniProt Gene Name	Pdxp
UniProt Synonym Gene Names	Cin; Plp; Plpp; PLP phosphatase
UniProt Entry Name	PLPP_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pdxp-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113181>