

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

Recombinant Human Pyridoxal phosphate phosphatase (PDXP)

CATALOG # AAA309825	HOST Yeast	REACTIVITY Human
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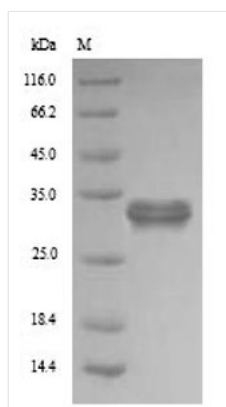
PRODUCT SYNONYMS

Pyridoxal phosphate phosphatase (PDXP); Recombinant Human Pyridoxal phosphate phosphatase (PDXP); PDXP recombinant protein

PRODUCT SPECIFICATIONS

Host	Yeast
Reactivity	Human
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	Tris-based buffer, 50% glycerol
Sequence Positions	Full Length, 1-296aa
Sequence	MARCELRGA ALRDVLGRAQ GVLFD CDGVL WNGERAVPGA PELLERLARA GKAALFVSNN SRRARPELAL RFARLGFGGL RAEQLFSSAL CAARLLRQRL PGPPDAPGAV FVLGG EGLRA ELRAAGLRLA GDPSAGDGAA PRVRAVLVGY DEHFSFAKLR EACAHLRDPE CLLVATDRDP WHPLSDGSRT PGTGSLAAAV ETASGRQALV VGKPSPYMFE CITENFSIDP ARTLMVGDRL ETDILFGHRC GMTTVLTLTG VSRLEEAQAY LAAGQHDLVP HYYVESIADL TEGLED
Target Name	PDXP
Tag Info	N-terminal 6xHis-tagged
Preparation and Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C.

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. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10092677
NCBI GeneID	57026
NCBI Accession #	NP_064711.1
NCBI GenBank Nucleotide #	NM_020315.4
UniProt Accession #	Q96GD0; Q9UGY2
Molecular Weight	33.7 kDa
NCBI Official Full Name	pyridoxal phosphate phosphatase
NCBI Official Synonym Full Names	pyridoxal phosphatase
NCBI Official Symbol	PDXP
NCBI Official Synonym Symbols	CIN; PLP; dJ37E16.5
NCBI Protein Information	pyridoxal phosphate phosphatase
UniProt Protein Name	Pyridoxal phosphate phosphatase
UniProt Gene Name	PDXP
UniProt Synonym Gene Names	CIN; PLP; PLPP; PLP phosphatase

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/pdxdp-recombinant-protein-yeast/309825>