

Recombinant Human Pyridoxal kinase(PDXK)

Catalog No: #AP76902



Package Size: #AP76902-1 20ug #AP76902-2 100ug #AP76902-3 1mg

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Description

Product Name	Recombinant Human Pyridoxal kinase(PDXK)
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-312aaSequence Info:Full Length
Other Names	Pyridoxine kinase
Accession No.	O00764
Uniprot	O00764
GeneID	8566;
Calculated MW	62.1 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MEEECRVLSIQSHVIRGYVGNRAATFPLQVLGFEIDAVNSVQFSNHTGYAHWKGQVLNSDELQELYEGLRLN NMNKYDYVLTGYTRDKSFLAMVVDIVQELKQQNPRLVYVCDPVLGDKWDGEGSMYVPEDLLPVYKEKVVPLA DIITPNQFEAELLSGRKIHSQEEALRVMDMLHSMGPDVITSSDLPSPQGSNYLIVLGSQRRRRNPAGSVVME RIRMDIRKVDVAVFGTGDLEAAMLLAWTHKHPNNLKVACEKTVSTLHHVLQRTIQCAKAQAGEGVRPSMQL ELRMVQSKRDIEDPEIVVQATVL
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Required for synthesis of pyridoxal-5-phosphate from vitamin B6.

References

"Human pyridoxal kinase. cDNA cloning, expression, and modulation by ligands of the benzodiazepine receptor."

Hanna M.C., Turner A.J., Kirkness E.F.

J. Biol. Chem. 272:10756-10760(1997) Research Topic:Signal Transduction

Note: This product is for in vitro research use only