

Recombinant Human PDXK protein, GST-tagged

Cat. No. PDXK-3330H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDXK protein(O00764)(1-312aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-312aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	62.1 kDa
AA Sequence	MEEECRVLSIQSHVIRGYVGNRAATFPLQVLGFEIDAVNSVQFSNHTGYAHWKQV LNSDELQELYEGLRLNNMNKYDYVLTGYTRDKSFLAMVVDIVQELKQQNPRLVYVC DPVLGDKWDGEGSMYVPEDLLPVYKEKVVPLADIITPNQFEAELLSGRKIHQSQEEAL RVMDMLHSMGPDTVITSSDLPSQGSNYLIVLGSQRRRNPAAGSVVMERIRMDIRK VDAVFVGTGDLFAAMLLAWTHKHPNNLKVACEKTVSTLHHVLQRTIQCAKAQAGEG VRPSPMQLELRMVQSKRDIEDPEIVVQATVL
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name PDXK pyridoxal (pyridoxine, vitamin B6) kinase [Homo sapiens]

Official Symbol PDXK

Synonyms PDXK; pyridoxal (pyridoxine, vitamin B6) kinase; C21orf97, C21orf124, chromosome 21 open reading frame 97 , chromosome 21 open reading frame 124; pyridoxal kinase; FLJ21324; FLJ31940; MGC15873; PKH; PNK; PRED79; pyridoxine kinase; vitamin B6 kinase; pyridoxamine kinase; C21orf97; C21orf124; FLJ37311; MGC31754; MGC52346; DKFZp566A071;

Gene ID 8566

mRNA Refseq NM_003681

Protein Refseq NP_003672

MIM 179020

UniProt ID O00764

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