

Pyruvate Dehydrogenase Kinase Isozyme 1 Recombinant Protein | PDK1 recombinant protein

Recombinant Human Pyruvate Dehydrogenase Kinase Isozyme 1

CATALOG # AAA38711	HOST E Coli
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PRODUCT SYNONYMS

Pyruvate Dehydrogenase Kinase Isozyme 1; Recombinant Human Pyruvate Dehydrogenase Kinase Isozyme 1; PDK1 Human; Pyruvate Dehydrogenase Kinase Isozyme 1 Human Recombinant; Pyruvate dehydrogenase kinase isoform 1; PDK1; Pyruvate dehydrogenase (lipoamide) kinase isozyme 1 mitochondrial; PDK1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	PDK1 solution containing 20mM Tris pH-7, 0.5mM DTT, 0.1M NaCl, 0.1mM EDTA 0.1mM PMSF, 1mM MgCl2 and 40% glycerol. Sterile filtered colorless solution.
Sequence	<u>MGSSHHH HHHSSGLVPR GSHMSS</u> DSGSSPASER GVPGQVDFYA RFSPSPLSMK QFLDFGSVNA CEKTSFMFLR QELPVRLANI MKEISLLPDN LLRTPSVQLV QSWYIQLQE LLDFKDKSAE DAKAIYDFTD TVIRIRNRHN DVIPTMAQGV IEYKESFGVD PVTQNVQYF LDRFYMSRIS IRMLLNQHSL LFGGKGKGSP SHRKHIGSIN PNCNVLEVIK DGYENARRLC DLYYINSPEL ELEELNAKSP GQPIQVVYVP SHLYHMFEL FKNAMRATME HHANRGVYPP IQVHVTLGNE DLTVMKSDRG GGVPLRKIDR LFNYMYSTAP RPRVETSRV PLAGFGYGLP ISRLYAQYFQ GDLKLYSLEG YGTDAVIYIK ALSTDSIERL PVYNKAAWKH YNTNHEADDW CVPSREPKDM TTFRSA
Sequence Length	456
Preparation and Storage	PDK1 Human Recombinant although stable at 4 degree C for 1 week, should be stored below -18 degree C. Please prevent freeze thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for PDK1 recombinant protein	PDK1 Human Recombinant produced in E Coli is a single, non-glycosylated, polypeptide chain containing 429 amino acids (29-436) and having a molecular mass of 48.6 kDa. PDK1 is fused to 20 a.a. His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Product Categories/Family for PDK1 recombinant protein	Protein Kinases ; Enzymes ; Protein Kinases

NCBI AND UNIPROT INFORMATION

NCBI GI #	514052656
NCBI GeneID	5163
NCBI Accession #	NP_001265478.1
NCBI GenBank Nucleotide #	NM_001278549.1
UniProt Accession #	Q15118 ; Q308M4 ; B2R6T1 ; B7Z937 ; D3DPD8 ; E9PD65
NCBI Official Full Name	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 1, mitochondrial isoform 1

NCBI Official Synonym Full Names	pyruvate dehydrogenase kinase, isozyme 1
NCBI Official Symbol	PDK1
NCBI Protein Information	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 1, mitochondrial; [Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 1, mitochondrial; PDH kinase 1; mitochondrial pyruvate dehydrogenase, lipoamide, kinase isoenzyme 1; pyruvate dehydrogenase kinase, isoenzyme 1
UniProt Protein Name	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 1, mitochondrial
UniProt Gene Name	PDK1
UniProt Synonym Gene Names	PDHK1; PDH kinase 1
UniProt Entry Name	PDK1_HUMAN

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/pdk1-recombinant-protein-e-coli/38711>