



# Recombinant Human [Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 1, mitochondrial (PDK1)

<b>Product Code</b>	CSB-YP613584HU
<b>Abbreviation</b>	PDK1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q15118
<b>Storage Buffer</b>	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	SS DSGSSPASER GVPGQVDFYA RFSPSPLSMK QFLDFGSVNA CEKTSFMFLR QELPVRLANI MKEISLLPDN LLRTPSVQLV QSWYIQLSQE LLDFKDKSAE DAKAIYDFTD TVIRIRNRHN DVIPTMAQGV IEYKESFGVD PVTSQNVQYF LDRFYMSRIS IRMLLNQHSL LFGGKKGKSP SHRKHIGSIN PNCNVLEVIK DGYENARRLC DLYYINSPLE ELEELNAKSP GQPIQVVYVP SHLYHMFEL FKNAMRATME HHANRGVYPP IQVHVTLGNE DLTVKMSDRG GGVPLRKIDR LFNMYSTAP RPRVETSRAV PLAGFGYGLP ISRLYAQYFQ GDLKLYSLEG YGTDAVIYIK ALSTDSIERL PVYNKAAWKH YNTNHEADDW CVPSREPKDM TTFRSA
<b>Source</b>	Yeast
<b>Target Names</b>	PDK1
<b>Protein Names</b>	Recommended name: [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 1, mitochondrial EC= 2.7.11.2Alternative name(s): Pyruvate dehydrogenase kinase isoform 1
<b>Expression Region</b>	29-436
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

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