



Recombinant Human 3-phosphoinositide-dependent protein kinase 1 (PDPK1)

Product Code	CSB-EP017738HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O15530
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MARTTSQLYD AVPIQSSVVL CSCPSPSMVR TQTESSTPPG IPGGSRQGPA MDGTAAEPRP GAGSLQHAQP PPQPRKKRPE DFKFGKILGE GSFSTVVLAR ELATSREYAI KILEKRHIK ENKVPYVTRE RDVMSRLDHP FFVKLYFTFQ DDEKLYFGLS YAKNGELLKY IRKIGSFDET CTRFYTAEIV SALEYLHGKG IHRDLKPEN ILLNEDMHIQ ITDFGTAKVL SPESKQARAN SFVGTAQYVS PELLTEKSAC KSSDLWALGC IYQLVAGLP PFRAGNEYLI FQKIILEYD FPEKFFPKAR DLVEKLLVLD ATKRLGCEEM EGYGPLKAHP FFESVTWENL HQTTPPKLTA YLPAMSEDDE DCYGNYNLL SQFGCMQVSS SSSSHLSAS DTGLPQRSGS NIEQYIHDLD SNSFELDLQF SEDEKRLLE KQAGGNPWHQ FVENNLILKM GPVDKRKGLF ARRRQLLLE GPHLYYDPV NKVLKGEIPW SQELRPEAKN FKTFVHTPN RTYYLMDPSG NAHKWCRKIQ EVWRQRYQSH PDAAVQ
Source	E.coli
Target Names	PDPK1
Protein Names	Recommended name: 3-phosphoinositide-dependent protein kinase 1 Short name= hPDK1 EC= 2.7.11.1
Expression Region	1-556
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Reconstitution	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.
Shelf Life	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.