



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

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| Product Code | CSB-YP017738HU |
| 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 MDGTAAERPR 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 HQQTPPKLTA YLPAMSEDE DCYGNYNLL SQFGCMQVSS SSSSHLSAS DTGLPQRSGS NIEQYIHDLD SNSFELDLQF SEDEKRLLE KQAGGNPWHQ FVENNLILKM GPVDKRKGLF ARRRQLLLTE GPHLYYVDPV NKVLKGEIPW SQELRPEAKN FKTFVHTPN RTYYLMDPSG NAHKWCRKIQ EVWRQRYQSH PDAAVQ |
| Source | Yeast |
| 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. |