



Recombinant Human Serine/threonine-protein kinase PLK1 (PLK1)

Product Code	CSB-EP018193HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P53350
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	SAAVTAGKL ARAPADPGKA GVPGVAAPGA PAAAPPAKEI PEVLVDPRSR RRYVRGRFLG KGGFAKCFEI SDADTKEVFA GKIVPKSLLL KPHQREKMSM EISIHRS LAH QHVVG FHF GFF EDNDFV FVVL ELCRRRS LLE LHKRRKALTE PEARYYLRQI VLGCQYLHRN RVIHRDLKLG NLFLNEDLEV KIGDFGLATK VEYDGERKKT LCGTPNYIAP EVLSKKGHSF EVDVWSIGCI MYTLLVGKPP FETSCLKETY LRIKKNEYSI PKHINPVAAS LIQKMLQ TDP TARPTINELL NDEFFTS GYI PARLPITCLT IPPRFSIAPS SLDPSNRKPL TVLNKGLENP LPERPREKEE PVVRETGEVV DCHLS DMLQQ LHSV NASKPS ERGLVRQEEA EDPACIPIFW VSKWVDYSDK YGLGYQLCDN SVGVLFNDST RLILYNDGDS LQYIERDGTE SYLTVSSHPN SLMKKITLLK YFRNYMSEHL LKAGANITPR EGDELARLPY LRTWFRTRSA IILHLSNGSV QINFFQDHTK LILCPLMAAV TYIDEKRDFR TYRLSLLEEY GCCKELASRL RYARTMVDKL LSSRSASNRL KAS
Source	E.coli
Target Names	PLK1
Protein Names	Recommended name: Serine/threonine-protein kinase PLK1 EC= 2.7.11.21 Alternative name(s): Polo-like kinase 1 Short name= PLK-1 Serine/threonine-protein kinase 13 Short name= STPK13
Expression Region	2-603
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 of Mature 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.