



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

<b>Product Code</b>	CSB-EP018193HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P53350
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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 LIQKMLQTD P 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
<b>Source</b>	E.coli
<b>Target Names</b>	PLK1
<b>Protein Names</b>	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
<b>Expression Region</b>	2-603
<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.
<b>Shelf Life</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.