Recombinant Human Dual specificity protein kinase CLK1 (CLK1)

Product Code	CSB-YP005557HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P49759
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MRHSKRTYCP DWDDKDWDYG KWRSSSSHKR RKRSHSSAQE NKRCKYNHSK MCDSHYLESR SINEKDYHSR RYIDEYRNDY TQGCEPGHRQ RDHESRYQNH SSKSSGRSGR SSYKSKHRIH HSTSHRRSHG KSHRRKRTRS VEDDEEGHLI CQSGDVLSAR YEIVDTLGEG AFGKVVECID HKAGGRHVAV KIVKNVDRYC EAARSEIQVL EHLNTTDPNS TFRCVQMLEW FEHHGHICIV FELLGLSTYD FIKENGFLPF RLDHIRKMAY QICKSVNFLH SNKLTHTDLK PENILFVQSD YTEAYNPKIK RDERTLINPD IKVVDFGSAT YDDEHHSTLV STRHYRAPEV ILALGWSQPC DVWSIGCILI EYYLGFTVFP THDSKEHLAM MERILGPLPK HMIQKTRKRK YFHHDRLDWD EHSSAGRYVS RRCKPLKEFM LSQDVEHERL FDLIQKMLEY DPAKRITLRE ALKHPFFDLL KKSI
Source	Yeast
Target Names	CLK1
Protein Names	Recommended name: Dual specificity protein kinase CLK1 EC= 2.7.12.1 Alternative name(s): CDC-like kinase 1
Expression Region	1-484
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
Target Details	This gene encodes a member of the CDC2-like (or LAMMER) family of dual specificity protein kinases. In the nucleus, the encoded protein phosphorylates serine/arginine-rich proteins involved in pre-mRNA processing, releasing them into the nucleoplasm. The choice of splice sites during pre-mRNA processing may be regulated by the concentration of transacting factors, including serine/arginine rich proteins. Therefore, the encoded protein may play an indirect role in governing splice site selection. Multiple transcript variants encoding different isoforms have been found for this gene.
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.