



# Recombinant Human Cyclin-dependent kinase 7 (CDK7)

<b>Product Code</b>	CSB-YP005075HU
<b>Storage</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.
<b>Uniprot No.</b>	P50613
<b>Storage Buffer</b>	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MALDVKSRRAK RYEKLDLFLGE GQFATVYKAR DKNTNQIVAI KKIKLGHRSE AKDGINRTAL REIKLLQELS HPNIIGLLDA FGHKSNISLV FDFMETDLEV IIKDNSLVLT PSHIKAYMLM TLQGLEYLHQ HWILHRDLKP NNLLLDENGV LKLADFGLAK SFGSPNRAYT HQVVTRWYRA PELLFGARMY GVGVDMWAVG CILAEALLRV PFLPGDSDLD QLTRIFETLG TPTEEQWPDM CSLPDYVTFK SFGIPLHHI FSAAGDILLD LIQGLFLFNP CARITATQAL KMKYFSNRPG PTPGCQLPRP NCPVETLKEQ SNPALAIKRK RTEALEQGGL PKKLIF
<b>Source</b>	Yeast
<b>Target Names</b>	CDK7
<b>Protein Names</b>	Recommended name: Cyclin-dependent kinase 7 EC= 2.7.11.22 EC= 2.7.11.23 Alternative name(s): 39 kDa protein kinase Short name= p39 Mo15 CDK-activating kinase 1 Cell division protein kinase 7 Serine/threonine-protei
<b>Expression Region</b>	1-346
<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
<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.