



# Recombinant Rabbit Casein kinase II subunit alpha (CSNK2A1)

<b>Product Code</b>	CSB-EP006072RB
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P33674
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Oryctolagus cuniculus (Rabbit)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MSGPVPSRVR VYTDVNTHRP REYWDYESHV VEWGNQDDYQ LVRKLGKRGKY SEVFEAINIT NNEKVVVKIL KPVKKKKIKR EIKILENLRG GPNITLADI VKDPASRTPA LAFEHVNNTD FKQLYQTLTD YDIRFYMYEI LKALDYCHSM GIMHRDVKPH NVMIDHEHRK LRLIDWGLAE FYHPGQEYNV RVASRYFKGP ELLVDYQMYD YSLDMWSLGC MLASMIFRKE PFFHGHNDYD QLVRIAKVLG TEDLYDYIDK YNIELDPRFN DILGRHSRKR WERFVHSENQ HLVSPEALDF LDKLLRYDHQ SRLTAREAME HPHYFTVVKD QARMGSSSMP GGSTPVSSAN MMSGISSVPT PSPLGPLAGS PVIAAANPLG MPVPAAAGAQ Q
<b>Source</b>	E.coli
<b>Target Names</b>	CSNK2A1
<b>Protein Names</b>	Recommended name: Casein kinase II subunit alpha Short name= CK II alpha EC= 2.7.11.1
<b>Expression Region</b>	1-391
<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 protein
<b>Target Details</b>	Casein kinase II is a serine/threonine protein kinase that phosphorylates acidic proteins such as casein. The kinase exists as a tetramer and is composed of an alpha, an alpha-prime, and two beta subunits. The alpha subunits contain the catalytic activity while the beta subunits undergo autophosphorylation. This protein represents the alpha subunit. While this gene is found on chromosome 20, a related transcribed pseudogene is found on chromosome 11. Three transcript variants encoding two different proteins have been found for this gene.
<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.



## 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  $-20^{\circ}\text{C}/-80^{\circ}\text{C}$ . The shelf life of lyophilized form is 12 months at  $-20^{\circ}\text{C}/-80^{\circ}\text{C}$ .