



Recombinant human Casein kinase II subunit alpha

Product Code	CSB-EP526319HU-B
Storage	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.
Uniprot No.	P68400
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	RARVYTDVNTHRPREYWDYESHVVEWGNQDDYQLVRKLGKRGKYSEVFEAINI TNNEKVVVKILKPVKKKKIKREIKILENLRGGPNIITLADIVKDPVSRTPALVFEHV NNTDFKQLYQTLTDYDIRFYMYEILKALDYCHSMGIMHRDVKPHNVIMIDHEHR KLRLIDWGLAEFYHPGQEYNVRVASRYFKGPELLVDYQMYDYSLDMWSLGC MLASMIFRKEPFFHGHGHDNYDQLVRIAKVLGTELDYDYIDKYNIELDPRFNDILGR HSRKRWERFVHSENQHLVSPEALDFDKLLRYDHQSRLTAREAMEHPYFYTV VKDQARMGSSSMPGGSTPVSSAN
Research Area	Signal Transduction
Source	E.coli
Target Names	CSNK2A1
Expression Region	8-350aa
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Partial
Target Details	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.
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.