



Recombinant human Cyclin-dependent kinase 11A

Product Code	CSB-MP052044h
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.	Q9UQ88
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	KDSWKVKTLDLDEILQEKKRRKEQEEKAEIKRLKNSDDRDSKRDSLEEGELRDHC MEITIRNSPYRREDSMEDRGEEDDSLAIKPPQQMSRKEKVHHRKDEKRKEKC RHHSLSAEGGKHARVKEREHERRKRHREEQDKARREWQKRREMARREHS RRERDRLEQLERKRERERKMREQQKEQREQKERERRAEERRKEREAREVS AHHRTM
Research Area	Apoptosis
Source	Mammalian cell
Target Names	CDK11A
Expression Region	5-216aa
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene encodes a member of the p34Cdc2 protein kinase family. p34Cdc2 kinase family members are known to be essential for eukaryotic cell cycle control. This gene is in close proximity to CDC2L1, a nearly identical gene in the same chromosomal region. The gene loci including this gene, CDC2L1, as well as metalloprotease MMP21/22, consist of two identical, tandemly linked genomic regions, which are thought to be a part of the larger region that has been duplicated. This gene and CDC2L1 were shown to be deleted or altered frequently in neuroblastoma with amplified MYCN genes. The protein kinase encoded by this gene could be cleaved by caspases and was demonstrated to play roles in cell apoptosis. Many transcript variants encoding several different isoforms have been found for this gene, but the full-length nature of only two have been determined so far.
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.



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