

Recombinant Human CDK11A Protein, His-tagged

Cat. No. CDK11A-722H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDK11A Protein (Glu422-Ile646) with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Glu422-Ile646
Description	This gene encodes a member of the serine/threonine protein kinase family. Members of this kinase family are known to be essential for eukaryotic cell cycle control. Due to a segmental duplication, this gene shares very high sequence identity with a neighboring gene. These two genes are frequently deleted or altered in neuroblastoma. The protein kinase encoded by this gene can be cleaved by caspases and may play a role in cell apoptosis. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.4 kDa; Accurate Molecular Mass: 29 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	CDK11A cyclin-dependent kinase 11A [Homo sapiens (human)]
Official Symbol	CDK11A
Synonyms	CDK11A; cyclin-dependent kinase 11A; CDC2L2, CDC2L3, cell division cycle 2 like 2, cell division cycle 2 like 2 (PITSLRE proteins); CDK11 p46; CDK11 p58; CDK11 p110; p58GTA; PITSLRE; PITSLRE B; PITSLRE protein kinase beta; cell division protein kinase 11A; cell division cycle 2-like protein kinase 2; PITSLRE serine/threonine-protein kinase CDC2L2; cell division cycle 2-like 2 (PITSLRE proteins); galactosyltransferase-associated protein kinase p58/GTA; CDC2L2; CDC2L3; CDK11-p46; CDK11-p58; CDK11-p110; MGC131975;
Gene ID	728642
mRNA Refseq	NM_024011
Protein Refseq	NP_076916

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MIM	116951
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UniProt ID	Q9UQ88
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