Recombinant Human CDK11B Protein, His-tagged

Cat. No. CDK11B-723H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDK11B Protein (Phe438-Arg724) with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Phe438-Arg724
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: 36.7 kDa; Accurate Molecular Mass: 37 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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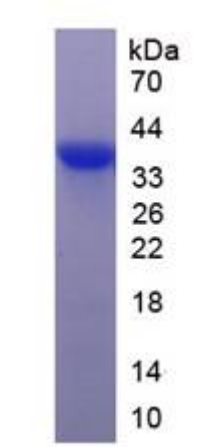
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration 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 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	CDK11B cyclin-dependent kinase 11B [Homo sapiens (human)]
Official Symbol	CDK11B
Synonyms	CDK11B; cyclin-dependent kinase 11B; CDC2L1, cell division cycle 2 like 1 (PITSLRE proteins); CDK11 p46; CDK11 p58; CDK11 p110; PITSLREA; p58 CLK-1; CDC-related protein kinase p58; cell division protein kinase 11B; cell division cycle 2-like protein kinase 1; PITSLRE serine/threonine-protein kinase CDC2L1; cell division cycle 2-like 1 (PITSLRE proteins); galactosyltransferase-associated protein kinase p58/GTA; p58; PK58; CDK11; CLK-1; CDC2L1; p58CLK-1; CDK11-p46; CDK11-p58; p58CDC2L1; CDK11-p110; FLJ59152;
Gene ID	984
mRNA Refseq	NM_033486

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Protein Refseq	NP_277021
MIM	176873
UniProt ID	P21127



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