

Cyclin-dependent kinase 11B (CDK11B) Recombinant Protein | CDK11B recombinant protein

Recombinant Human Cyclin-dependent kinase 11B (CDK11B)

CATALOG #
AAA113643

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Cyclin-dependent kinase 11B (CDK11B); Recombinant Human Cyclin-dependent kinase 11B (CDK11B); CDK11B recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-795, Full length protein
Sequence	MGDEKDSWKV KTLDEILQEK KRRKEQEEKA EIKRLKNSDD RDSKRDSLEE GELRDHRMEI TIRNSPYRRE DSMEDRGEED DSLAIKPPQQ MSRKEKVHHR KDEKRKEKRR HRSHSAEGGK HARVKEKERE HERRKRHREE QDKARREWER QKRREMAREH SRRERDRLEQ LERKRERERK MREQQKEQRE QKERERRAAE RRKEREARE VSAHHRMTRE DYSDKVKASH WSRSPRPPR ERFELGDGRK PGEARPARAQ KPAQLKEEKM EERDLSLDLQ DISDSERKTS SAESSAESG SGSEEEEEEE EEEEEEGSTS EEEEEEEEE EEEEEETGSN SEEASEQSAE EVSEEESED EERENENHLL VVPESRFDRD SGSEEEAEEE VGEGTPQSSA LTEGDYVPDS PALSPIELKQ ELPKYLPALQ GCRSVEEFQC LNRIIEGTYG VVYRAKDKKT DEIVALKRLK MEKEKEGFPI TSLREINTIL KAQHPNIVTV REIVVGSNMD KIYIVMNYVE HDLKSMLMETM KQPFLPGEVK TLMIQLLRGV KHLHDNWILH RDLKTSNLLL SHAGILKVG D FGLAREY GSP LKAYTPVVVT LWYRAPELLL GAKEYSTAVD MWSVGCIFGE LLTQKPLFPG KSEIDQINKV FKDLGTPSEK IWPGYSELPA VKKMTFSEHP YNNLRKRFGA LLSDQGFDLM NKFLTYFPGR RISAEDGLKH EYFRETPLPI DPSMFPTWPA KSEQQRVKRG TSPRPPEGGL GYSQLGDDDL KETGFHLTTT NQGASAAGPG FSLKF
Sequence Length	795
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for CDK11B recombinant protein	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 CDC2L2, a nearly identical gene in the same chromosomal region. The gene loci including this gene, CDC2L2, 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 CDC2L2 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. Several alternatively spliced variants of this gene have been reported.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16332360
NCBI GeneID	984
NCBI Accession #	NP_277022.1

NCBI GenBank Nucleotide #	NM_033487.2
UniProt Accession #	P21127 ; O95265 ; Q12817 ; Q12818 ; Q12819 ; Q12820 ; Q12822 ; Q8N530 ; Q9NZS5 ; Q9UBJ0 ; Q9UBQ1 ; Q9UBR0
Molecular Weight	49,555 Da
NCBI Official Full Name	cyclin-dependent kinase 11B isoform 3
NCBI Official Synonym Full Names	cyclin dependent kinase 11B
NCBI Official Symbol	CDK11B
NCBI Official Synonym Symbols	p58; PK58; CDK11; CLK-1; CDC2L1; PITSLREA; p58CLK-1; CDK11-p46; CDK11-p58; p58CDC2L1; CDK11-p110
NCBI Protein Information	cyclin-dependent kinase 11B
UniProt Protein Name	Cyclin-dependent kinase 11B
UniProt Gene Name	CDK11B
UniProt Synonym Gene Names	CDC2L1; CDK11; PITSLREA; PK58; CLK-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cdk11b-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113643>