

CDK11A recombinant protein

CDK11A (CDC2L2) Protein

CATALOG # AAA72962	HOST Sf9 insect cells using baculovirus	APPLICATIONS Western Blot
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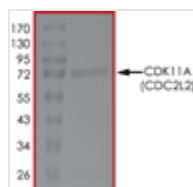
PRODUCT SYNONYMS

CDK11A; CDK11A (CDC2L2) Protein; CDK11A recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells using baculovirus
Form/Format	50mM Tris-HCl, pH 7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Sequence Positions	361-end
Sequence Length	3209
Applicable Applications for CDK11A recombinant protein	WB (Western Blot)
Species	Human
Tag	GST tag
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for CDK11A recombinant protein	Description: Recombinant human CDK11A (361-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. Scientific Background: CDK11A or cyclin-dependent kinase 11A is a member of the p34Cdc2 protein kinase family. CDKs are known to be essential for eukaryotic cell cycle control. CDK11A gene complex may harbor one or more tumor suppressor genes affected by chromosome 1p36 modifications in neuroblastoma (1). CDK11A is associated with the alpha and beta isoforms of cyclin L1 and L2 in a high molecular mass complex that shows splicing activity (2). CDK11A can be cleaved by caspases and this is demonstrated to play a role in cell apoptosis.
Product Categories/Family for CDK11A recombinant protein	Signaling Proteins ; Kinase Protein

References	1. Lahti, J. M. et.al: Alterations in the PITSLRE protein kinase gene complex on chromosome 1p36 in childhood neuroblastoma. Nature Genet. 7: 370-375, 1994. 2. Loyer, P. et.al: Characterization of cyclin L1 and L2 interactions with CDK11 and splicing factors: influence of cyclin L isoforms on splice site selection. J. Biol. Chem. 283: 7721-7732, 2008.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	928589413
NCBI GeneID	728642
NCBI Accession #	NM_024011.3
NCBI GenBank Nucleotide #	NM_024011
Molecular Weight	73 kDa
NCBI Official Full Name	Homo sapiens cyclin dependent kinase 11A (CDK11A), transcript variant 1, mRNA
NCBI Official Synonym Full Names	cyclin dependent kinase 11A
NCBI Official Symbol	CDK11A
NCBI Official Synonym Symbols	CDC2L2; CDC2L3; p58GTA; PITSLRE; CDK11-p46; CDK11-p58; CDK11-p110
NCBI Protein Information	cyclin-dependent kinase 11A
UniProt Protein Name	Cyclin-dependent kinase 11A
UniProt Gene Name	CDK11A
UniProt Synonym Gene Names	CDC2L2; CDC2L3; PITSLREB

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.