

Datasheet for ABIN7553107

Cyclin-Dependent Kinase 11A (CDK11A) (AA 1-783) protein (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Cyclin-Dependent Kinase 11A (CDK11A)
Protein Characteristics:	AA 1-783
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag

Product Details

Purpose:	Custom-made recombinant CDK11A Protein expressed in mammalian cells.
Sequence:	MGDEKDSWKV KTLDEILQEK KRRKEQEEKA EIKRLKNSDD RDSKRDSLEE GELRDHCMEI TIRNSPYRRE DSMEDRGEED DSLAIKPPQQ MSRKEKVHHR KDEKRKEKWK HARVKEREHE RRKRHREEQD KARREWERQK RREMARHSR RERDRLEQLE RKRERERKMR EQQKEQREQK ERERRAEERR KEREAREVS AHHRTMREDY SDKVKASHWS RSPRPPRER FELGDGRKPG EARPAPAQKP AQLKEEKMEE RDLLSDLQDI SDSERKTSSA ESSSAESGSG SEEEEEEEEE EEEEGSTSEE SEEEEEEEEE EEEETGSNSE EASEQSAEEV SEEEMSEDEE RENENHLLV PESRFD RDSG ESEEAEEV G EGTPQSSALT EGDYVPDSPA LLPIELKQEL PKYLPALQGC RSVEEFQCLN RIEEGTYGVV YRAKDKTDE IVALKRLKME KEKEGFPTS LREINTILKA QHPNIVTVRE IVVGSNMDKI YIVMNYVEHD LKSLMETMKQ PFLPGEVKTLL MIQLLRGVKH LHDNWILHRD LKTSNLLLSH AGILKVGDFG LAREYGSPLK AYTPVVVTQW YRAPELLLGA KEYSTAVDMW SVGCIFGELL TQKPLFPGNS EIDQINKVFK ELGTPSEKIW PGYSELPPVK KMTFSEHPYN NLRKRF GALL SDQGF DLMNK FLTYFPGRRI SAEDGLKHEY FRETPLPIDP

Product Details

SMFPTWPAKS EQQRVKRGTS PRPPEGGLGY SQLGDDDLKE TGFHLTTTNQ GASAAGPGFS LKF

Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: Cyclin-Dependent Kinase 11A (CDK11A)

Alternative Name: CDK11A ([CDK11A Products](#))

Background: Cyclin-dependent kinase 11A (EC 2.7.11.22) (Cell division cycle 2-like protein kinase 2) (Cell division protein kinase 11A) (Galactosyltransferase-associated protein kinase p58/GTA) (PITSLRE serine/threonine-protein kinase CDC2L2),FUNCTION: Appears to play multiple roles in cell cycle progression, cytokinesis and apoptosis. The p110 isoforms have been suggested to be involved in pre-mRNA splicing, potentially by phosphorylating the splicing protein SFRS7. The p58 isoform may act as a negative regulator of normal cell cycle progression. {ECO:0000269|PubMed:12501247, ECO:0000269|PubMed:12624090}.

Target Details

Molecular Weight: 91.4 kDa

UniProt: [Q9UQ88](#)

Pathways: [M Phase](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months