

Product datasheet

Recombinant Human CDK11/CDC2L2/CDK11A protein ab126905

[1 Image](#)

Description

Product name	Recombinant Human CDK11/CDC2L2/CDK11A protein
Purity	> 90 % Densitometry. Affinity purified.
Expression system	Baculovirus infected Sf9 cells
Accession	<u>Q9UQ88</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Predicted molecular weight	92 kDa including tags
Amino acids	1 to 783

Specifications

Our **Abpromise guarantee** covers the use of **ab126905** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Western blot
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.003% EDTA, 25% Glycerol (glycerin, glycerine), 0.88% Sodium chloride
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General Info

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.
Tissue specificity	Expressed ubiquitously. Some evidence of isoform-specific tissue distribution.
Sequence similarities	Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. CDC2/CDKX subfamily. Contains 1 protein kinase domain.
Post-translational modifications	During apoptosis, induced by Fas or tumor necrosis factor, specific CKD11 p110 isoforms are cleaved by caspases to produce a protein (p110C) that contains the C-terminal kinase domain of the CDK11 proteins.
Cellular localization	Cytoplasm. Nucleus.

Images



SDS-PAGE showing ab126905

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- Replacement or refund for products not performing as stated on the datasheet
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