

Cyclin Dependent Kinase 5 (CDK5) Recombinant Protein | CDK5 recombinant protein

Recombinant Cyclin Dependent Kinase 5 (CDK5)

CATALOG # AAA150675	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---

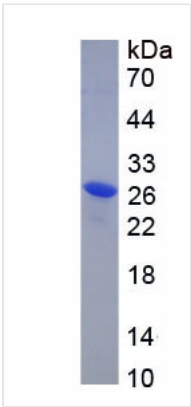
PRODUCT SYNONYMS

Cyclin Dependent Kinase 5 (CDK5); Recombinant Cyclin Dependent Kinase 5 (CDK5); Cyclin Dependent Kinase 5; PSSALRE; CDKN5; Cell division protein kinase 5; Serine/threonine-protein kinase PSSALRE; Tau protein kinase II catalytic subunit;TPKII catalytic subunit; CDK5 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>90%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Asp92~Gln2 73
Applicable Applications for CDK5 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Species	Rat
Tag	Two N-terminal Tags, His-tag and SUMO-tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	6.3
Subcellular Location	Membrane, Nucleus, Cytoplasm
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. 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 degree C 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.

IMAGES



Sequence

EIVKSFLFQL	LKGLGFCHSR	NVLHRDLKPQ	NLLINRNGEL	DSCNGDLDP
FGIPVRCYSA	EVVTLWYRPP	DVLFQAKLYS	TSIDMWSAGC	KLADFGLARA
PLFPGNDVDD	QLKRIFALLG	TPTEEQWPSM	TKLPDYKPYP	IFAEANAGR
VVPKLNATGR	DLLQNLLKCN	PVQ		MYPATTSLVN

SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for CDK5 recombinant protein	Signal transduction; Enzyme & Kinase; Neuro science; Developmental science; Recombinant proteins/RP
--	---

NCBI AND UNIPROT INFORMATION

Molecular Weight	Predicted Molecular Mass: 27.12kDa Accurate Molecular Mass: 27kDa
------------------	--

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cyclin-dependent-kinase-5-cdk5-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/150675>