Full-Length

CDK5 (Human) Recombinant Protein

Catalog # P9607 Size 20 ug

Specification

Product Description	Human CDK5 (Q00535, 1 a.a. - 292 a.a.) full recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMQKYEKLEKIGEGTYGTVFKAKNRETHEIVALKRVRLDDD DEGVPSSALREICLLKELKHKNIVRLHDVLHSDKKLTLVFEFCDQDLKKYFDSCNGDLDPEIVKSF LFQLLKGLGFCHSRNVLHRDLKPQNLLINRNGELKLADFGLARAFGIPVRCYSAEVVTLWYRPPDV LFGAKLYSTSIDMWSAGCIFAELANAGRPLFPGNDVDDQLKRIFRLLGTPTEEQWPSMTKLPDYK PYPMYPATTSLVNVVPKLNATGRDLLQNLLKCNPVQRISAEEALQHPYFSDFCPP
Host	Escherichia coli
Theoretical MW (kDa)	35.8
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 85.0% by SDS-PAGE
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In 20mM Tris-HCl pH 8.0 (0.4 M Urea and 10% glycerol)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Info — CDK5

Entrez GeneID	1020
Protein Accession#	Q00535
Gene Name	CDK5
Gene Alias	PSSALRE
Gene Description	cyclin-dependent kinase 5
Omim ID	123831
Gene Ontology	Hyperlink
Other Designations	protein kinase CDK5 splicing

Pathway

- Axon guidance

Disease

- Adenocarcinoma
- Alzheimer disease
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Kidney Failure
- Lung Neoplasms
- Obesity

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Pulmonary Disease
- Tobacco Use Disorder
- Urinary Bladder Neoplasms
- Werner syndrome

Copyright © 2023 Abnova Corporation. All Rights Reserved.