

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 <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMQKYEKLEKIGEGTYGTVFKAKNRETHEVALKRVRLDDD DEGVPSSALREICLLKELKHKNVRLHDVLHSDKKLTLVFEFCDDLKKYFDSCNGDLDPENKSF LFQLLKGLGFCHSRNVLHRDLKPQNLLINRNGELKLADFGLARAFGIPVRCYSAEVVTLWYRPPDV LFGAKLYSTIDMWSAGCIFAELANAGRPLFPGNDVDDQLKRIFRLLGTPTEEQWPSMTKLDPDYK PYPMYPATTSLVNVVPKLNATGRDLLQNLLKCNPVQRISAEELQHPYFSDFCPP
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	35.8
Form	Liquid
Preparation Method	<i>Escherichia coli</i> 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

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](#)

- [Pulmonary Disease](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)