

Recombinant Human CDK5 protein, GST-tagged

Cat. No. CDK5-965H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDK5 protein(NP_004926.1) (Met 1- 292) was expressed in Insect Cells, fused with the GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-292 aa
Form	Lyophilized from sterile PBS, 0.5mM GSH, pH 7.0.
Molecular Mass	The recombinant human CDK5/GST chimera consists of 516 amino acids and has a predicted molecular mass of 59.6 kDa as estimated in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 94 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

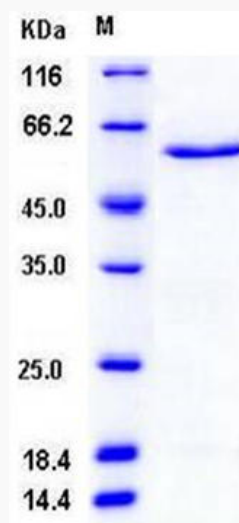
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protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_001157882.1
Unit ID	Q00535
Unit ID-Weblink	http://www.uniprot.org/uniprot/Q00535
GENE INFORMATION	
Gene Name	CDK5 cyclin-dependent kinase 5 [Homo sapiens]
Official Symbol	CDK5
Synonyms	CDK5; cyclin-dependent kinase 5; PSSALRE; TPKII catalytic subunit; protein kinase CDK5 splicing; cell division protein kinase 5; serine/threonine-protein kinase PSSALRE; tau protein kinase II catalytic subunit;
Gene ID	1020
mRNA Refseq	NM_001164410
protein Refseq	NP_001157882
MIM	123831

SDS-PAGE



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