

Active Recombinant Human CDK3 Protein, GST-Tagged

Cat. No. CDK3-1009H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CDK3 (NM_001258, 1 a.a. - 305 a.a.) and CCNA2 (NM_001237, 1 a.a. - 395 a.a.) recombinant protein with GST GST tag expressed in Sf9 cells.
Species	Human
Source	Insect Cells
ProteinLength	1-305;1-395 a.a.
Description	This gene encodes a member of the cyclin-dependent protein kinase family. The protein promotes entry into S phase, in part by activating members of the E2F family of transcription factors. The protein also associates with cyclin C and phosphorylates the retinoblastoma 1 protein to promote exit from G0. [provided by RefSeq, Jul 2008]
Form	Liquid
Bio-activity	112 pmol/μg x min
Molecular Mass	CDK3: 67.993, CCNE1 kDa
Applications	Functional Study SDS-PAGE
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing

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Concentration 0.196 µg/µL

Storage Buffer In 50 mM Tris-HCl, 100 mM NaCl, pH 8.0. (5 mM DTT, 15 mM reduced glutathione, 20% glycerol)

GENE INFORMATION

Gene Name CDK3 cyclin-dependent kinase 3 [Homo sapiens]

Official Symbol CDK3

Synonyms CDK3; cyclin-dependent kinase 3; cell division protein kinase 3;

Gene ID 1018

mRNA Refseq NM_001258

Protein Refseq NP_001249

MIM 123828

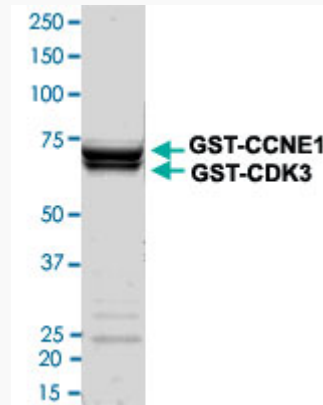
UniProt ID Q00526

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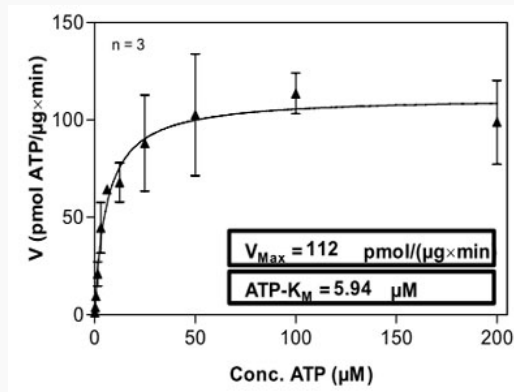
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Quality Control
Testing



2 µg/lane SDS-PAGE Stained with Coomassie Blue

Result of activity
analysis



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