

Recombinant Human CDK3 Protein, GST-Tagged

Cat. No. CDK3-1007H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CDK3 full-length ORF (NP_001249.1, 1 a.a. - 305 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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]
Molecular Mass	61.4 kDa
AA Sequence	MDMFQKVEKIGEGTYGVVYKAKNRETGQLVALKKIRLDLEMEGVPSTAIREISLLKEL KHPNIVRLLDVVHNERKLYLVFEFLSQDLKKYMDSTPGSELPLHLIKSYLFQLLQGVS FCHSHRVIHRDLKPQNLLINELGAIKLADFGGLARAFGVPLRTYTHEVVTWYRAPEILL GSKFYTTAVDIWSIGCIFAEMVTRKALFPGDSEIDQLFRIFRMLGTPSEDWPGVTQL PDYKGSFPKWTRKGLLEEIVPNLEPEGRDLLMQLLQYDPSQRITAKTALAHPYFSSPE PSPAARQYVLQRFRH
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

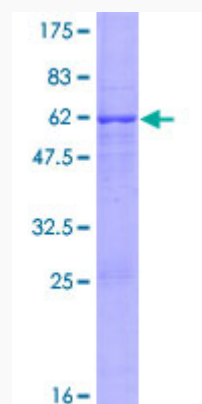
mRNA Refseq NM_001258

Protein Refseq NP_001249

MIM 123828

UniProt ID Q00526

Quality Control Testing



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12.5% SDS-PAGE Stained with Coomassie Blue.