

Recombinant Human CDK19/CCNC protein, GST-tagged

Cat. No. CDK19-CCNC-310H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human CDK19/CCNC was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Insect Cells
Description	CDK19/Cyclin C is a member of the p34Cdc2 protein kinase family which are known to be essential for eukaryotic cell cycle control. CDK11/Cyclin C gene complex may harbor 1 or more tumor suppressor genes affected by chromosome 1p36 modifications in neuroblastoma. CDK11/Cyclin C expression is regulated during murine embryogenesis and its activity is coordinately regulated with that of p34 (cdc2) during the cell cycle.
Form	50mM Tris-HCl, pH 7.5, 50mM NaCl, 0.25mM DTT, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol
Molecular Mass	CDK19 ~92 kDa, and CCNC ~55 kDa
Purity	The purity of CDK19/CCNC was determined to be >90% by densitometry.
Applications	Enzyme Assay; WB
Stability	1 year at -70 centigrade

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Storage	Store product at -70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
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Concentration	0.1 µg/µL
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GENE INFORMATION

Gene Name	cyclin dependent kinase 19 [Homo sapiens (human)]; cyclin C [Homo sapiens (human)]
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Official Symbol	CDK19; CCNC
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Synonyms	CDK11; CDC2L6; bA346C16.3; CyclinC; CCNC; CycC
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Gene ID	23097; 892
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mRNA Refseq	NM_015076; NM_005190
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Protein Refseq	NP_055891; NP_005181.2
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MIM	614720; 123838
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UniProt ID	Q9BWU1; P24863
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