

Recombinant Human CDK19 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CDK19-4428H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CDK19 MS Standard C13 and N15-labeled recombinant protein (NP_055891) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein that is one of the components of the Mediator co-activator complex. The Mediator complex is a multi-protein complex required for transcriptional activation by DNA binding transcription factors of genes transcribed by RNA polymerase II. The protein encoded by this gene is similar to cyclin-dependent kinase 8 which can also be a component of the Mediator complex. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
Molecular Mass	56.8 kDa
AA Sequence	MDYDFKAKLAAERERVELFEYEGCKVGRGTYGHVYKARRKDGKDEKEYALKQIE GTGISM SACREIAL LRELKHPNVIALQKVFLSHSDRKVWLLFDYAEHDLWHIIKFHRA SKANKKPMQLPRSMVKSLLYQILDGIHYLHANWVLHRDLKPANILVMGEGPERGRV KIADMGFARLFNSPLKPLADLPVVVTFWYRAPELLLGARHYTKAIDIWAIGCIFAELL TSEPIFHCRQEDIKTSNPFHHDQLDRIFSVMGFPADKDWEDIRKMPEYPTLQKDFRR TTYANSSLIK YMEKHVKVPDSKVFLLLQKLLTMDPTKRITSEQALQDPYFQEDPLPTL DVFAGCQIPYPKREFLNEDDPEEKGDKNQQQQQNQHQQPTAPPQQAAPPQAPP

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PQQNSTQTNGTAGGAGAGVGGTGAGLQHSQDSSLNQVPPNKKPRLGPSGANSSG
 PVMPSDYQHSSSRLNYQSSVQGSSQSQSTLGYSSSSQSSQYHPSHQAHR YTRT
 RPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name CDK19 cyclin-dependent kinase 19 [Homo sapiens (human)]

Official Symbol CDK19

Synonyms CDK19; cyclin-dependent kinase 19; CDC2L6, CDK11, cell division cycle 2 like 6 (CDK8 like), cyclin dependent kinase (CDC2 like) 11; bA346C16.3; KIAA1028; death-preventing kinase; cyclin-dependent kinase 11; CDC2-related protein kinase 6; cell division protein kinase 19; CDK8-like cyclin-dependent kinase; cyclin-dependent kinase (CDC2-like) 11; cell division cycle 2-like 6 (CDK8-like); cell division cycle 2-like protein kinase 6; CDK11; CDC2L6;

Gene ID 23097

mRNA Refseq NM_015076

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Protein Refseq	NP_055891
MIM	614720
UniProt ID	Q9BWU1

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