

Recombinant Full Length Human CDK19 Protein, GST-tagged

Cat. No. CDK19-3778HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CDC2L6 full-length ORF (NP_055891.1, 1 a.a. - 502 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	502 amino acids
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. [provided by RefSeq, Jul 2014]
Molecular Mass	83.2 kDa
AA Sequence	MDYDFKAKLAAERERVEDLFEYEGCKVGRGTYGHVYKARRKDGKDEKEYALKQIE GTGISM SACREIALLRELKHPNVIALQKVFLSHSDRKVWLLFDYAEHDLWHIIKFHRA SKANKKPMQLPRSMVKSLLYQILDGIHYLHANWVLHRDLK PANILVMGEGPERGRV KIADMGFARLFNSPLKPLADLDPVVVTFWYRAPELLLGARHYTKAIDIWAIGCIFAELL TSEPIFHCRQEDIKTSNPFHHDQLDRIFSVMGF PADKDWEDIRKMPEYPTLQKDFRR TTYANSSLIK YMEKHVKPDSKVFLLLQKLLTMDPTKRITSEQALQDPYFQEDPLPTL

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DVFAGCQIPYPKREFLNEDDPEEKGDKNQQQQNQHQPTAPPQQAAPPQAPP
 PQQNSTQTNGTAGGAGAGVGGTGAGLQHSQDSSLNQVPPNKKPRLGPGSGANS GG
 PVMPSDYQHSSSRLNYQSSVQGSSQSSTLGYSSSSQSSQYHP SHQAHR Y

Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
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	CDK19 cyclin dependent kinase 19 [Homo sapiens (human)]
Official Symbol	CDK19
Synonyms	CDC2L6; CDK19; cyclin dependent kinase 19; CDK11; CDC2L6; bA346C16.3; cyclin-dependent kinase 19; CDC2-related protein kinase 6; CDK8-like cyclin-dependent kinase; cell division cycle 2-like 6 (CDK8-like); cell division cycle 2-like protein kinase 6; cell division protein kinase 19; cyclin dependent kinase 19 variant 2; cyclin-dependent kinase (CDC2-like) 11; cyclin-dependent kinase 11; death-preventing kinase; EC 2.7.11.22
Gene ID	23097
mRNA Refseq	NM_001300960

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Protein Refseq NP_001287889

MIM 614720

UniProt ID Q9BWU1

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