

Recombinant Human CDK12 protein, GST-tagged

Cat. No. CDK12-16H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDK12(658-end) fused with GST tag at N-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	658-end a.a.
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~135kDa
Purity	> 70%
Applications	Western Blot
Stability	1 year at -70 centigrade from the date of shipment
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.
Concentration	0.5µg/µl

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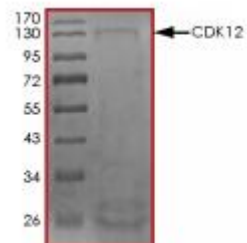
GENE INFORMATION

Gene Name	CDK12 cyclin-dependent kinase 12 [Homo sapiens]
Official Symbol	CDK12
Synonyms	CDK12; cyclin-dependent kinase 12; Cdc2 related kinase, arginine/serine rich , CRKRS; CDC2 related protein kinase 7; CRK7; CRKR; KIAA0904; CDC2-related protein kinase 7; cell division protein kinase 12; Cdc2-related kinase, arginine/serine-rich; cell division cycle 2-related protein kinase 7; CRKRS; hCDK12;
Gene ID	51755
mRNA Refseq	NM_016507
Protein Refseq	NP_057591
UniProt ID	Q9NYV4
Chromosome Location	17q12
Function	ATP binding; RNA polymerase II carboxy-terminal domain kinase activity; cyclin binding; cyclin-dependent protein kinase activity; nucleotide binding; protein binding; protein kinase activity;

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