Recombinant Human CDK12 Protein, GST-tagged

Cat. No. CDK12-1888H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CRK7 partial ORF (NP_057591, 1281 a.a. - 1380 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	CDK12 (Cyclin Dependent Kinase 12) is a Protein Coding gene. Among its related pathways are Gene Expression and DNA Damage. GO annotations related to this gene include transferase activity, transferring phosphorus-containing groups and protein tyrosine kinase activity. An important paralog of this gene is CDK13.
Molecular Mass	36.63 kDa
AA Sequence	LVEGDLSSAPQELNPAVTAALLQLLSQPEAEPPGHLPHEHQALRPMEYSTRPRPNR TYGNTDGPETGFSAIDTDERNSGPALTESLVQTLVKNRTFSGSL
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.

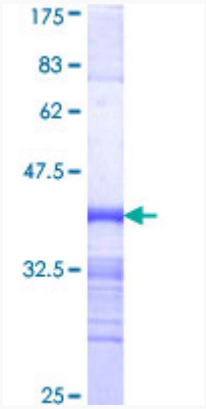
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Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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_015083
Protein Refseq	NP_055898
MIM	615514
UniProt ID	Q9NYV4

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Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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