Recombinant Human CDK11B Protein, GST-tagged

Cat. No. CDK11B-5130H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CDC2L1 partial ORF (NP_001778, 686 a.a. - 795 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the serine/threonine protein kinase family. Members of this kinase family are known to be essential for eukaryotic cell cycle control. Due to a segmental duplication, this gene shares very high sequence identity with a neighboring gene. These two genes are frequently deleted or altered in neuroblastoma. The protein kinase encoded by this gene can be cleaved by caspases and may play a role in cell apoptosis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2014]
Molecular Mass	37.84 kDa
AA Sequence	KRFGALLSDQGFDLMNKFLTYFPGRRISAEDGLKHEYFRETPLPIDPSMFPTWPAKS EQQRVKRGTSPRPPEGGLGYSQLGDDDLKETGFHLTTTNQGASAAGPGFSLKF
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

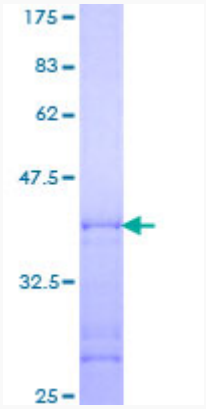
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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CDK11B cyclin dependent kinase 11B [Homo sapiens (human)]
Official Symbol	CDK11B
Synonyms	CDC2L1; CDK11B; cyclin dependent kinase 11B; p58; PK58; CDK11; CLK-1; CDC2L1; PITSLREA; p58CLK-1; CDK11-p46; CDK11-p58; p58CDC2L1; CDK11-p110; cyclin-dependent kinase 11B; CDC-related protein kinase p58; PITSLRE serine/threonine-protein kinase CDC2L1; cell division cycle 2-like 1 (PITSLRE proteins); cell division protein kinase 11B; galactosyltransferase-associated protein kinase p58/GTA; p58 CLK-1; EC 2.7.11.22
Gene ID	984
mRNA Refseq	NM_001291345
Protein Refseq	NP_001278274
MIM	176873
UniProt ID	P21127

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

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