

Recombinant Human CDKL3 Protein, GST-Tagged

Cat. No. CDKL3-1048H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CDKL3 full-length ORF (AAH41799.1, 1 a.a. - 592 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a member of cyclin-dependent protein kinase (CDK) family. CDK family members are highly similar to the gene products of <i>Saccharomyces cerevisiae cdc28</i> , and <i>Schizosaccharomyces pombe cdc2</i> , and are known to be important regulators of cell cycle progression. This gene was identified as a gene absent in leukemic patients with chromosome 5q deletion. This loss may be an important determinant of dysmyelopoiesis. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]
Molecular Mass	93.9 kDa
AA Sequence	MEMYETLGKVGEGSYGTVMKCKHKNTGQIVAIKIFYERPEQSVNKIAMREIKFLKQF HHENLVNLTIEVFRQKKKIHLVFEFIDHTVLDELQHYCHGLESKRLRKYLQILRAIDYL HSNNIIHRDIKPENILVSQSGITKLCDFGFARTLAAPGDIYTDYVATRWYRAPELVLKD TSYGKPVDIWALGCMIIEMATGNPYLPSSSDLDLLHKIVLKVGNLSPHLQNIIFSKSPIF AGVVLPQVQHPKNARKKYPKLNGLLADIVHACLQIDPADRISSDDLHHEYFTRDGF EKFMPKELKAKLLQEAKVNSLIKPKESSKENELRKDERKTVYTNLTLLSSSVLGKEIEKE

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KKPKKEIKVRVIKVKGGRGDISEPKKKEYEGGLGQQDANENVHPMSPDTKLVTIEPPN
PINPSTNCNGLKENPHCGGSVTMPPINLTNSNLMAANLSSNLFHPSVRLTERAKKRR
TSSQSIGQVMPNSRQEDPGPIQSQMEKGIFNERTGHSDQMANENKRKLNFSRSDR
KEFHFPPELPVTIQSKDTKGMEVKQIKMLKRESKKTESKIPITLLNVDQNQEKGEGGD
GHCEGKNLKRNRFFFW

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

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 CDKL3 cyclin-dependent kinase-like 3 [Homo sapiens]

Official Symbol CDKL3

Synonyms CDKL3; cyclin-dependent kinase-like 3; NKIAMRE; serine threonine protein kinase NKIAMRE; serine-threonine protein kinase NKIAMRE; serine/threonine-protein kinase NKIAMRE;

Gene ID 51265

mRNA Refseq NM_001113575

Protein Refseq NP_001107047

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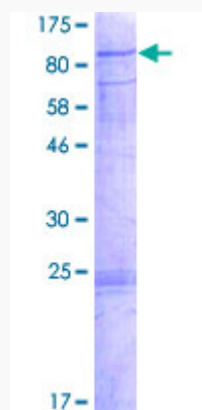
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MIM 608459

UniProt ID Q8IVW4

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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