



Recombinant Human Cyclin-dependent kinase-like 3 (CDKL3)

Product Code	CSB-BP005083HU
Abbreviation	CDKL3
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8IVW4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MEMYETLGKV GEGSYGTVMK CKHKNTGQIV AIKIFYERPE QSVNKIAMRE IKFLKQFHHE NLVNLIEVFR QKKKIHLVFE FIDHTVLDEL QHYCHGLESK RLRKYLFQIL RAIDYLHSSN IHRDIKPEN ILVSQSGITK LCDFGFARTL AAPGDIYTDY VATRWYRAPE LVLKDTSYGK PVDI WALGCM IEMATGNPY LPSSSDLDLL HKIVLKVGNL SPHLQNI FSK SPIFAGVVLP QVQHPKNARK KYPKLNGLLA DIVHACLQID PADRISSDL LHHEYFTRDG FIEKFMPELK AKLLQEAKVN SLIKPKESSK ENELRKDERK TVYTNTLLSS SVLGKEIEKE KKPKKIKVRV IKVKGGRGDI SEPKKKEYEG GLGQQDANEN VHPMSPDTKL VTIEPPNPIN PSTNCNGLKE NPHCGGSVTM PPINLTNSNL MAANLSSNLF HPSVRLTERA KKRRTSSQSI GQVMPNSRQE DPGPIQSQME KGIFNERTGH SDQMANENKR KLNFSRSDRK EFHFPELPVT IQSKDTKGME VKQIKMLKRE SKKTESSKIP TLLNVDQNQE KQEGGDGHCE GKNLKRNRFF FW
Source	Baculovirus
Target Names	CDKL3
Protein Names	Recommended name: Cyclin-dependent kinase-like 3 EC= 2.7.11.22 Alternative name(s): Serine/threonine-protein kinase NKIAMRE
Expression Region	1-592
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This protein is a member of cyclin-dependent protein kinase (CDK) family. CDK family members are highly similar to the gene products of <i>Saccharomyces cerevisiae</i> cdc28, and <i>Schizosaccharomyces pombe</i> cdc2, 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.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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