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Datasheet for ABIN1615385 CDKL3 Protein (AA 1-593) (His tag)

Overview

Quantity:	1 mg
Target:	CDKL3
Protein Characteristics:	AA 1-593
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDKL3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MEMYETLGKV GEGSYGTVMK CKHKDTGRIV AIKIFYEKPE KSVNKIATRE IKFLKQFRHE</p> <p>NLVNLTIEVFR QKKKIHLVFE FIDHTVLDEL QHYCHGLESK RLRKYLFQIL RAIEYLHNNN</p> <p>IIHRDIKPEN ILVSQSGITK LCDFGFARTL AAPGDVYTDY VATRWYRAPE LVLKDTTYGK</p> <p>PVDI WALGCM IEMATGNPY LPSSSDLDLL HKIVLKVGNL TPHLHNIFSK SPIFAGVVLP</p> <p>QVQHPKNARK KYPKLNGLLA DIVHACLQID PAERISSTD LHHDYFTRDG FIEKFIPELR</p> <p>AKLLQEAKVN SFIKPENFK ENEPVRDEKK PVFTNPLLYG NPTLYGKEVD RDKRAKELKV</p> <p>RVIAKAGGKG DVPDLKKTES EGEHRQQGTA EDTHPTSLDR KPSVSELTNP VHPSANSDTV</p> <p>KEDPHSGGCM IMPPINLTSS NLLAANPSSN LSHPN SRLTE RTKKRRTSSQ TIGQTLNSNR</p> <p>QEDTGPTQVQ TEKGAFNERT GQNDQIASGN KRKLNFSKCD RKEFHFP ELP FTIQAKEMKG</p> <p>MEVKQIKVLK RESKKTDSKP IPTLLSMDSN QEKQEVFNIF PGWCKRGNLN WPS</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

Target Details

Target: CDKL3

Abstract: [CDKL3 Products](#)

Background: Recommended name: Cyclin-dependent kinase-like 3.
EC= 2.7.11.22.
Alternative name(s): Serine/threonine protein kinase NKIATRE

UniProt: [Q9JM01](#)

Pathways: [Cell Division Cycle](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Handling

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.