

Datasheet for ABIN7553114
CDKL3 Protein (AA 1-592) (His tag)



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Overview

Quantity:	1 mg
Target:	CDKL3
Protein Characteristics:	AA 1-592
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDKL3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat CDKL3 Protein expressed in mammalian cells.
Sequence:	<p>MEMYETLGKV GEGSYGTVMK CKHKNTGQIV AIKIFYERPE QSVNKIAMRE IKFLKQFHHE</p> <p>NLVNLIIEVFR QKKKIHLVFE FIDHTVLDEL QHYCHGLESK RLRKYLFQIL RAIDYLHSNN</p> <p>IIHRDIKPEN ILVSQSGITK LCDFGFARTL AAPGDIYTDY VATRWYRAPE LVLKDTSYGK</p> <p>PVDI WALGCM IEMATGNPY LPSSSDL DLL HKIVLKVGNL SPHLQNIFSK SPIFAGVVL P</p> <p>QVQHPKNARK KYPKLNGLLA DIVHACLQID PADRISSDL LHHEYFTRDG FIEKFMP ELK</p> <p>AKLLQEAKVN SLIKPKESSK ENELRKDERK TVYTN TLLSS SVLGKEIEKE KKPKEIKVRV</p> <p>IKVKGGRGDI SEPKKKEYEG GLGQQDANEN VHPMSPDTKL VTIEPPNPIN PSTNCNGLKE</p> <p>NPHCGGSVTM PPINLTNSNL MAANLSSNLF HPSVRLTERA KKRRTSSQSI GQVMPNSRQE</p> <p>DPGPIQSQME KGIFNERTGH SDQMANENKR KLNFSRSDRK EFHFPELPVT IQSKDTKGME</p> <p>VKQIKMLKRE SKKTESSKIP TLLNVDQNQE KQEGGDGHCE GKNLKRNRFF FW Sequence</p> <p>without tag. The proposed Purification-Tag is based on experiences with the expression</p>

system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	CDKL3
Alternative Name:	CDKL3 (CDKL3 Products)
Background:	Cyclin-dependent kinase-like 3 (EC 2.7.11.22) (Serine/threonine-protein kinase NKIAMRE)
Molecular Weight:	67.5 kDa
UniProt:	Q8IVW4
Pathways:	Cell Division Cycle

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Application Details

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months