

Datasheet for ABIN7547063
DCLK1 Protein (AA 1-740) (His tag)



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Overview

Quantity:	1 mg
Target:	DCLK1
Protein Characteristics:	AA 1-740
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DCLK1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant DCLK1 Protein expressed in mammalian cells.
Sequence:	MSFGRDMELE HFDERDKAQR YSRGSRVNGL PSPTHSAHCS FYRRTLQTL SSEKKAKKVR FYRNGDRYFK GIVYAISPDR FRSFEALLAD LTRTLSDNVN LPQGVRTIYT IDGLKKISSL DQLVEGESYV CGSIEPFKKL EYTKNVNPNW SVNKTTAS RAVSSLATAK GSPSEVRENK DFIRPKLVTI IRSGVKPRKA VRILLNKKTA HSFEQVLTDI TDAIKLDSGV VKRLYTLDGK QVMCLQDFFG DDDIFIACGP EKFRYQDDFL LDESECRVVK STSYTKIASS SRRSTTKSPG PSRRSKSPAS TSSVNGTPGS QLSTPRSGKS PSPSPTSPGS LRKQRSSQHG GSSTSLASTK VCSSMDENDG PGEEVSEEGF QIPATITERY KVGRTIGDGN FAVVKECVER STAREYALKI IKKSKCRGKE HMIQNEVSIL RRVKHPNIVL LIEEMDVPTL LYLVMELVKG GDLFDAITST NKYTERDASG MLYNLASAIK YLHSLNIVHR DIKPENLLVY EHQDGSKSLK LGDFGLATIV DGPLYTVCCT PTYVAPEIIA ETGYGLKVDI WAAGVITYIL LCGFPPFRGS GDDQEVLFQD ILMGQVDFPS PYWDNVSDSA KELITMMLLV DVDQRFSAVQ VLEHPWVNDG GLPENEHQLS VAGKIKKHFN TGPKPNSTAA GVSVIATTAL DKERQVFRRR RNQDVRTRYK AQPAPPELNS

Product Details

ESEDYSPSSS ETVRSPNSPF **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- 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).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: DCLK1

Alternative Name: DCLK1 ([DCLK1 Products](#))

Background: Serine/threonine-protein kinase DCLK1 (EC 2.7.11.1) (Doublecortin domain-containing protein 3A) (Doublecortin-like and CAM kinase-like 1) (Doublecortin-like kinase 1),FUNCTION: Probable kinase that may be involved in a calcium-signaling pathway controlling neuronal migration in the developing brain. May also participate in functions of the mature nervous system.

Molecular Weight: 82.2 kDa

UniProt: [O15075](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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
