

Datasheet for ABIN7561680  
**DCLK1 Protein (AA 1-756) (His tag)**



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## Overview

Quantity:	1 mg
Target:	DCLK1
Protein Characteristics:	AA 1-756
Origin:	Mouse
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 FYRTRLQTL SSEKKAKKVR FYRNGDRYFK GIVYAISPDR FRSFEALLAD LTRTLSDNVN LPQGVRTIYT IDGLKKISSL DQLVEGESYV CGSIEPFKKL EYTKNVNPNW SVNKTTAS RAVSSLATAK GGPSEVRENK DFIRPKLVTI IRSGVKPRKA VRILLNKKTA HSFEQVLTDI TDAIKLDSGV VKRLYTLDGK QVMCLQDFFG DDDIFIACGP EKFRYQDDFL LDESECRVVK STSYTKIASA SRRGTTKSPG PSRRSKSPAS TSSVNGTPGS QLSTPRSGKS PSPSPTSPGS LRKQRISQHG GSSTLSSTK VCSSMDENDG PEGDELGRR HSLQRGWRRE ESEEGFQIPA TITERYKVGR TIGDGNFAVV KECIERSTAR EYALKIHK KCRGKEHMIQ NEVSILRRVK HPNIVLLIEE MDVPTELYLV MELVKGGDLF DAITSTSKYT ERDASGMLYN LASAIKYLHS LNIVHRDIK ENLLVYEHQD GSKSLKLGDF GLATIVDGPL YTVCGTPTYV APEIIAETGY GLKVDIWAAG VITYILLCGF PPFRGSGDDQ EVLFDQILMG QVDFPSPYWD NVSDSAKELI NMMLLVNVDQ RFSAVQVLEH PWNDDGLPE NEHQLSVAGK IKKHFNTGPK PSSTAAGVSV IATTALDKER QVFRRRRNQD

## Product Details

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VRSRYKAQPA PPELNSESED YSPSSSETVR SPNSPF **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

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**Target:** DCLK1

**Alternative Name:** Dclk1 ([DCLK1 Products](#))

**Background:** Serine/threonine-protein kinase DCLK1 (EC 2.7.11.1) (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 (By similarity). {ECO:0000250}.

**Molecular Weight:** 84.2 kDa

**UniProt:** [Q9JLM8](#)

## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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