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Datasheet for ABIN1475546

DCLK1 Protein (AA 1-433) (His tag)

Overview

Quantity:	1 mg
Target:	DCLK1
Protein Characteristics:	AA 1-433
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DCLK1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MLELIEVNGT PGSQSTPRS GKSPSPPTS PGSRLKQRIS QHGGSSSTLS STKVCSSMDE</p> <p>NDGPGEESD EGFQIPATIT ERYKVGRTIG DGNFAVVKEC IERSTAREYA LKIIKSKCR</p> <p>GKEHMIQNEV SILRRVKHPN IVLLIEEMDV PTELYLMEL VKGGDLFDAI TSTSKYTERD</p> <p>ASGMLYNLAS AIKYLHSLNI VHRDIKPENL LVYEHQDGSK SLKLGDFGLA TIVDGPLYTV</p> <p>CGTPTYVAPE IIAETGYGLK VDIWAAGVIT YILLCGFPPF RSGGDDQEVF FDQILMGQVD</p> <p>FSPSYWDNVS DSAKELINMM LLVNVDQRFV AVQVLEHPWV NDDGLPENEH QLSVAGKIKK</p> <p>HFNTGPKPSS TAAGVSVIAT TALDKERQVF RRRRNQDVRG RYKAQPAPPE LNSESEDYSP</p> <p>SSSETVRSPN SPF</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: DCLK1

Alternative Name: Serine/threonine-protein kinase DCLK1 (Dclk1) ([DCLK1 Products](#))

Background: Recommended name: Serine/threonine-protein kinase DCLK1.
EC= 2.7.11.1.
Alternative name(s): Calcium/calmodulin-dependent protein kinase type I-like CPG16
Doublecortin-like and CAM kinase-like 1 Doublecortin-like kinase 1

UniProt: [O08875](#)

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

Storage: -20 °C

Handling

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