

Human DCLK3 Recombinant Protein

PX-P2074-10

DESCRIPTION

DCLK3 also named CaMKIII, DCLK3 is a Ca²⁺/calmodulin-dependent serine/threonine kinase (CaMK) with cytoplasmic and/or nucleus localization. The CamK family of enzyme is involved in many cell-signaling cascades and is thought to be involved in neuroplasticity (learning and memory processes)

OVERVIEW

SIZE	10 ug
ORIGIN SPECIES	Human
FRAGMENT	
PROTEIN DELIVERED WITH TAG	Yes
MOLECULAR WEIGHT WITH TAG IF ANY	74.95kDa
DELIVERY CONDITION	Dry Ice

PRODUCT INFORMATION

EXPRESSION SYSTEM	Prokaryotic expression
HOST	E.coli
PURITY	10%
PROTEIN ACCESSION	NP_208382.1
FORM	Frozen
BUFFER	PBS, pH 7.5
STABILITY & STORAGE	4°C for short term (1 week), -20°C or -80°C for long term (avoid freezing/thawing cycles; addition of 20-40% glycerol improves cryoprotection)

MORE INFO

GENE ID	85443
SWISSPROTID	Q9C098
UNIPROT ID	Q9C098
UNIPROT LINK	http://www.uniprot.org/uniprot/Q9C098
NCBI GENE ALIASES	DCAMKL3, DCDC3C, DCK3, CLR
SYNONYMS	Human DCLK3, doublecortin-like kinase 3, Serine/threonine-protein kinase DCLK3, Doublecortin domain-containing protein 3C. Doublecortin-like and CAM kinase-like 3, Doublecortin-like kinase 3

PROTEIN SEQUENCE

MGSHHHHHHSGMGKEPLTLKSIQVAVEELYPNKARALTLAQHSRAPSPRLRSRLFSKALKGDHRCGETETPKSCSEVAGCKAAMRHQGKIPPEELSLDDRARTQK
KWGRGKWEPEPSSKPPREATLEERHARGEKHLGVEIEKTSGEIIRCEKCKRERELQQSLERERLSLGTSELDMGKGP MYDVEKLVTRTRSCRSPPEANPASGEEGW
KGDShrSSPRNPTQELRRPSKSMDDKEDRGPEdqESHAQGAAKAKK

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