

Recombinant Human DCAMKL2, GST-tagged, Active

Cat. No. DCAMKL2-293H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human DCAMKL2 (1-690) was expressed by baculovirus in <i>Sf9 insect cell</i> using a N-terminal GST tag. MW=105kDa.
Species	Human
Source	Sf9 Cells
Protein Length	1-690 a.a.
Description	DCAMKL2 (also known as doublecortin-like kinase 2 or DCLK2) is a close homologue of doublecortin or DCX which is associated with intractable epilepsy in humans, due to a severe disorganization of the neocortex and hippocampus known as classical lissencephaly. DCX; DCLK2-null mice display frequent spontaneous seizures that originate in the hippocampus, with most animals dying in the first few months of life.
Sequence	1-690.
Applications	Kinase Assay, Western Blot.
Storage And Stability	Store product at -70°C . For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	DCLK2 doublecortin-like kinase 2 [Homo sapiens]
Synonyms	DCLK2; doublecortin-like kinase 2; CL2, CLICK2, DCAMKL2, DCDC3, DCDC3B, DCK2, DKFZp761I032, MGC45428; doublecortin and CaM kinase-like 2; EC 2.7.11.1
Gene ID	166614
mRNA Refseq	NM_001040260
Protein Refseq	NP_001035350
MIM	613166
UniProt ID	Q8N568
Chromosome Location	4q31.23-q31.
Pathway	Bladder cancer; Pathways in cancer
Function	ATP binding; nucleotide binding; protein serine/threonine kinase activity transferase activity

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PDB rendering based
on 1yrp.



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA