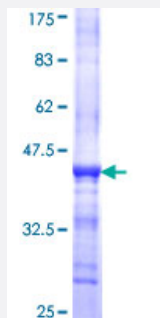


DCAMKL1 (Human) Recombinant Protein (Q01)

Catalog # H00009201-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DCAMKL1 partial ORF (NP_004725, 640 a.a. - 729 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	QVLEHPWVND DGLPENHQLSVAGKIKKHFNTGPKPNSTAAGVS VIALDHGFTIKRSGSLDYYQQ PGMYWIRPPLLIRGRFSDEDATRM
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.53
Interspecies Antigen Sequence	Mouse (96)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — DCLK1

Entrez GeneID	9201
GeneBank Accession#	NM_004734
Protein Accession#	NP_004725
Gene Name	DCLK1
Gene Alias	DCAMKL1, DCDC3A, DCLK, KIAA0369
Gene Description	doublecortin-like kinase 1
Omim ID	604742
Gene Ontology	Hyperlink
Gene Summary	DCAMKL1 is a microtubule-associated protein that phosphorylates itself and myelin basic protein (MBP; MIM 159430). DCAMKL1 has microtubule polymerizing activity that is independent of its protein kinase activity (Lin et al., 2000 [PubMed 11124993]).[supplied by OMIM]
Other Designations	OTTHUMP00000018250 doublecortin and CaM kinase-like 1

Disease

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