

Recombinant Full Length Human DCDC2 Protein, GST-tagged

Cat. No. DCDC2-2799HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DCDC2 full-length ORF (AAH50704.1, 1 a.a. - 476 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	476 amino acids
Description	This gene encodes a doublecortin domain-containing family member. The doublecortin domain has been demonstrated to bind tubulin and enhance microtubule polymerization. This family member is thought to function in neuronal migration where it may affect the signaling of primary cilia. Mutations in this gene have been associated with reading disability (RD) type 2, also referred to as developmental dyslexia. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jan 2013]
Molecular Mass	78.1 kDa
AA Sequence	MSGSSARSSHLSQPVVKSVLVYRNGDPFYAGRRVVIHEKKVSSFEVFLKEVTGGVQ APFGAVRNIYTPRTDHRIRKLDQIQSGGNYVAGGQEAFFKKLNYLDIGEIKRPMEEV NTEVKPVIHSRINVSARFRKPLQEPCTIFLIANGDLINPASRLLIPRKTLNQWDHVLQM VTEKITLRSGAVHRLYTLLEGKLVESGAELENGQFYVAVGRDKFKKLPYGELLFDKST MRRPFGQKASSLPPIVGSRKSKGSGNDRHSKSTVGSSDNSSPQPLKRKGKKEDVN SEKLTCLKQNVKLKNSQETIPNSDEGIFKAGAERSETRGAAEVQEDEDTQVEVPVDQ

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RPAEIVDEEEEDGEKANKDAEQKEDFSGMNGDLEEEGGREATDAPEQVEEILDHSEQ
 QARPARVNGGTDEENGEELQQVNNELQLVLDKERKSQGAGSGQDEADVDPQRPP
 RPEVKITSPEENENNQQNKDYAAVA

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

DCDC2 doublecortin domain containing 2 [Homo sapiens]

Official Symbol

DCDC2

Synonyms

DCDC2; doublecortin domain containing 2; doublecortin domain-containing protein 2;
 DCDC2A; KIAA1154; RU2; RU2S;

Gene ID

51473

mRNA Refseq

NM_001195610

Protein Refseq

NP_001182539

MIM

605755

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UniProt ID

Q9UHG0

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