

Recombinant Human DCDC2 Protein, GST-tagged

Cat. No. DCDC2-2389H **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	Wheat Germ
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 RPAEIVDEEEDGEKANKDAEQKEDFSGMNGDLEEEGGREATDAPEQVEEILDHSEQ

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	QARPARVNGGTDEENGEELQQVNNELQLVLDERKKSQGAGSGQDEADVDPQRPP 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

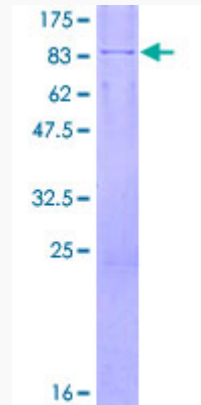
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UniProt ID

Q9UHG0

Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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