



# Recombinant Human Doublecortin domain-containing protein 2 (DCDC2)

<b>Product Code</b>	CSB-EP887036HU
<b>Abbreviation</b>	DCDC2
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9UHG0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MSGSSARSSH LSQPVVKSVL VYRNGDPFYA GRRVVIHEKK VSSFVFLKE VTGGVQAPFG AVRNIYTPRT GHRIRKLDQI QSGGNYVAGG QEAFKKNLYL DIGEIKKRPM EVVNTEVKPV IHSRINVSAR FRKPLQEPCT IFLIANGDLI NPASRLLIPR KTLNQWDHVL QMVTEKITLR SGAVHRLYTL EGKLVESGAE LENGQFYVAV GRDKFKKLPY SELLFDKSTM RRPFGQKASS LPPIVGSRKS KGSNDRHSK STVGSSDNSS PQPLKRKGGK EDVNSEKLTG LKQNVKLNKS QETIPNSDEG IFKAGAERSE TRGAAEVQED EDTQVEVPVD QRP AEIVDEE EDGEKANKDA EQKEDFSGMN GDLEEEGGRE ATDAPEQVEE ILDHSEQQAR PARVNGGTDE ENGEELQQVN NELQLVLDKE RKSQGAGSGQ DEADVDPQRP PRPEVKITSP EENENNQQNK DYAAVA
<b>Source</b>	E.coli
<b>Target Names</b>	DCDC2
<b>Protein Names</b>	Recommended name: Doublecortin domain-containing protein 2 Alternative name(s): Protein RU2S
<b>Expression Region</b>	1-476
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This gene encodes a protein with two doublecortin peptide domains. This domain has been demonstrated to bind tubulin and enhance microtubule polymerization. Mutations in this gene have been associated with Reading Disability (RD), also referred to as developmental dyslexia.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

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