

Product datasheet for **TP308721**

DCDC2 (NM_016356) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human doublecortin domain containing 2 (DCDC2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC208721 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MSGSSARSSHLSQPVVKSVLVYRNGDPFYAGRRVVIHEKKVSSFEVFLKEVTGGVQAPFGAVRNIYTPRT
DHRIRKLDQIQSGGNYVAGGQEAFFKLNLYLDIGEIKKRPMEVNTTEVKPVIHSRINVSARFRKPLQEPCT
IFLIANGDLINPASRLIPRKTLNQWDHVLQMVTEKITLRSGAVHRLYTLLEGKLVESGAELNGQFYVAV
GRDKFKKLPYGELLFDKSTMRRPFGQKASSLPPIVGSRSKSGSNDRHSTVGSNDSSPQPLKRKGGK
EDVNSEKLTCLKQNVKLNKNSQETIPNSDEGIFKAGAERSETRGAAEVQEDEDTQVEVPVDQRP AEIVDEE
EDGEKANKDAEQKEDFSGMNGDLEEEGGREATDAPEQVEEILDHSEQQARPARVNGGTDEENGEELQQVN
NELQLVLDKERKSQGAGSGQDEADVDPQRPPRPEVKITSPEENENNQNKDYAAVA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

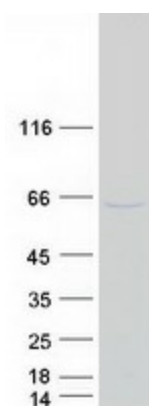
Tag:	C-Myc/DDK
Predicted MW:	52.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_057440</u>



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Locus ID:	51473
UniProt ID:	Q9UHG0
RefSeq Size:	4716
Cytogenetics:	6p22.3
RefSeq ORF:	1428
Synonyms:	DCDC2A; DFNB66; NPHP19; NSC; RU2; RU2S
Summary:	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]

Product images:



Coomassie blue staining of purified DCDC2 protein (Cat# TP308721). The protein was produced from HEK293T cells transfected with DCDC2 cDNA clone (Cat# [RC208721]) using MegaTran 2.0 (Cat# [TT210002]).