

Recombinant Human DCDC1 Protein, His-tagged

Cat. No. DCDC1-1316H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DCDC1 Protein (Met1-Arg213) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Arg213
Description	This gene encodes a member of the doublecortin family. The protein encoded by this gene is a hydrophilic, intracellular protein. It contains a single doublecortin domain and is unable to bind microtubules and to regulate microtubule polymerization. This gene is mainly expressed in adult testis. It does not have a mouse homolog.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.2 kDa Accurate Molecular Mass: 27 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

DCDC1 doublecortin domain containing 1 [Homo sapiens (human)]

Official Symbol

DCDC1

Synonyms

DCDC1; doublecortin domain containing 1; DCDC5; doublecortin domain-containing protein 1; doublecortin domain-containing 5 protein; doublecortin domain-containing protein 5

Gene ID

341019

mRNA Refseq

NM_181807

Protein Refseq

NP_861523

MIM

608062

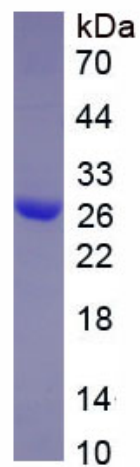
UniProt ID

P59894

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