

## Active Recombinant Human DCC protein, His-tagged

Cat. No. DCC-2118H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DCC protein(Phe 32 - Asn 1097), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Phe 32 - Asn 1097
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
<b>Bio-activity</b>	Human Netrin-1 Protein immobilized on CM5 Chip can bind Human Netrin receptor DCC, His Tag with an affinity constant of 31.8 nM as determined in a SPR assay (Biacore T200).
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 119.6 kDa. The protein migrates as 125-150 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Storage</b>	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at:

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-20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [DCC deleted in colorectal carcinoma \[ Homo sapiens \]](#)

**Official Symbol** [DCC](#)

**Synonyms**

DCC; deleted in colorectal carcinoma; netrin receptor DCC; IGDC1; immunoglobulin superfamily; DCC subclass; member 1; colorectal tumor suppressor; colorectal cancer suppressor; tumor suppressor protein DCC; deleted in colorectal cancer protein; immunoglobulin superfamily DCC subclass member 1; immunoglobulin superfamily, DCC subclass, member 1; CRC18; CRCR1;

**Gene ID** [1630](#)

**mRNA Refseq** [NM\\_005215](#)

**Protein Refseq** [NP\\_005206](#)

**MIM** [120470](#)

**UniProt ID** [P43146](#)

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