

Active Recombinant Human DCC protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human DCC protein(Phe 32 - Asn 1097), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Phe 32 - Asn 1097
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
Bio-activity	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).
Molecular Mass	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.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	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; IGDCC1; 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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