

Recombinant Human DCC Protein, MYC/DDK-tagged

Cat. No. DCC-1171H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human DCC protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a netrin 1 receptor. The transmembrane protein is a member of the immunoglobulin superfamily of cell adhesion molecules, and mediates axon guidance of neuronal growth cones towards sources of netrin 1 ligand. The cytoplasmic tail interacts with the tyrosine kinases Src and focal adhesion kinase (FAK, also known as PTK2) to mediate axon attraction. The protein partially localizes to lipid rafts, and induces apoptosis in the absence of ligand. The protein functions as a tumor suppressor, and is frequently mutated or downregulated in colorectal cancer and esophageal carcinoma. [provided by RefSeq, Oct 2009]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	158.3 kDa
Purity	>50 ug/mL as determined by microplate BCA method
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	DCC deleted in colorectal carcinoma [Homo sapiens]
Official Symbol	DCC
Synonyms	CRC18; CRCR1; IGDCC1; MRMV1; NTN1R1
Gene ID	1630
mRNA Refseq	NM_005215
Protein Refseq	NP_005206
MIM	120470
UniProt ID	P43146

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