

Recombinant Mouse Dcc Protein, Myc/DDK-tagged

Cat. No. Dcc-2470M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length deleted in colorectal carcinoma (Dcc), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Receptor for netrin required for axon guidance. Mediates axon attraction of neuronal growth cones in the developing nervous system upon ligand binding. Its association with UNC5 proteins may trigger signaling for axon repulsion. It also acts as a dependence receptor required for apoptosis induction when not associated with netrin ligand. Implicated as a tumor suppressor gene.
Molecular Mass	158.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Dcc deleted in colorectal carcinoma [Mus musculus (house mouse)]
Official Symbol	Dcc
Synonyms	DCC; deleted in colorectal carcinoma; netrin receptor DCC; tumor suppressor protein DCC; Igdcc1; C030036D22Rik
Gene ID	13176
mRNA Refseq	NM_007831
Protein Refseq	NP_031857
UniProt ID	P70211

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