

Recombinant Mouse Deleted In Colorectal Carcinoma

Cat. No. Dcc-1718M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Mouse
Source	Sf21 Cells
Description	Deleted in Colorectal Carcinoma, also known as DCC is a tumor suppressor gene found in axons of the central and peripheral nervous system and in differentiated cell types of the intestine. DCC may participate in signaling pathways that regulate cell proliferation and/or differentiation, two cellular processes that often go awry during tumorigenesis. DCC is required for the formation of major axonal projections by embryonic cortical neurons, including the corpus callosum, hippocampal commissure, and cortico-thalamic tracts.
Molecular Weight	The predicted molecular weight of Recombinant Mouse DCC is Mr 146 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 160-170 kDa.
State Of Matter	Lyophilized.
Purity	>90% by SDS Page and analyzed by silver stain.
Endotoxin	<1.0 EU/g as determined by the LAL method.
Storage And Stability	This lyophilized protein is stable for six to twelve months when stored desiccated at -

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20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. See Product Insert for exact lot specific storage instructions.

GENE INFORMATION

Gene Name	Dcc deleted in colorectal carcinoma [<i>Mus musculus</i>]
Synonyms	Dcc; deleted in colorectal carcinoma; Igdcc1; C030036D22Rik; netrin receptor DCC; OTTMUSP00000024718
Gene ID	13176
mRNA Refseq	NM_007831
Protein Refseq	NP_031857
UniProt ID	P70211
Chromosome Location	18 E2; 18 45.0 cM
Pathway	Axon guidance; Colorectal cancer; Pathways in cancer
Function	receptor activity

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