



Recombinant Human DCC Protein Product Manual

1. Product Basic Information

Product No.: REP06635

Protein Name: Netrin Receptor Dcc (DCC)

Aliases: CRC18; CRCR1; MRMV1; HGPPS2; IGDCC1; NTN1R1; netrin receptor DCC; DCC netrin 1 receptor; colorectal cancer suppressor; tumor suppressor protein DCC; deleted in colorectal carcinoma; putative colorecta...

UniProt ID: P43146

UniProt Link: <https://www.uniprot.org/uniprotkb/P43146/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Partial (26-1097aa)

Molecular Weight: 145.8 kDa

Protein Tag: C-terminal hFc1-tagged

2. Amino Acid Sequence (26-1097aa)

HLQVTGFQIKAFTALRFLSEPSDAVTMRGGNVLLDCSAESDRGVPVIKWKKDGIHLA
LGMDERKQQLSNGSLLIQNILHSRHHKPDGLYQCEASLGDSGSIISRTAKVAVAGP
LRFLSQTESVTAFMGDTVLLKCEVIGEMPMTIHWQKNQQDLTPIPGDSRVVVLPSGA
LQISRLQPGDIGIYRCSARNPASSRTGNEAEVRILSDPGLHRQLYFLQRPSNVVAIEG
KDAVLECCVSGYPPPSFTWLRGEEVIQLRSKKYSLLGGSNLLISNVTDDDSGMYTC
VVTYKNENISASAEALTVLVPPWFLNHPSNLYAYESMDIEFFECTVSGKPVPTVNWMMK
NGDVVIPSDYFQIVGGSNLRILGVVKSDEGFYQCVAENEAGNAQTSACLIVPKPAIP
SSSVLPAPRDVVPVLVSSRFVRLSWRPPAEAKGNIQTFTVFFSREGDNRERALNT
TQPGSLQLTVGNLKPEAMYTFRVVAYNEWGPGESSQPIKVATQPELQVPGPVENL
QAVSTSPTSILITWEPPAYANGPVQGYRLFCTEVSTGKEQNIEVDGLSYKLEGLKKF
TEYSLRFLAYNRYGPGVSTDDITVVTLSDVPSAPPQNVSLVVNSRSIKVSWLPPPS
GTQNGFITGYKIRHRKTTRRGEMETLEPNLWYLFTGLEKGSQYSFQVSAMTVNGT
GPPSNWYTAETPENDLDESQVPDQPSLHVRPQTNCIIMSWTPPLNPINIVVRGYIIG
YGVGSPYAETVRVDSKQRYYSIERLESSSHYVISLKAFNNAGEGVPLYESATTRSIT
DPTDPVDYYPLDDFPTSVPDLSTPMLPPVGVQAVALTHDAVRVSWADNSVPKNQ
KTSEVRLYTVRWRTSFSASAKYKSEDTTSLSYTATGLKPNTMYEFSVMVTKNRRSS

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human DCC partial protein (26-1097aa) expressed in Mammalian cell. The protein is with hFc1 tag at the C-terminus, which facilitates protein purification, detection and identification. DCC, also known as CRC18 or CRCR1 or MRMV1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.