

**Specifications:**

Gene:	mIgdcc4
Accession:	NP_064427
Insert size:	3772bp
Concentration:	10µg at 0.2µg/µL

**mNope/IGDCC4 cDNA  
Plasmid**

**Igdcc4 immunoglobulin  
superfamily, DCC subclass,  
member 4 [ *Mus musculus*  
(house mouse) ]**

**Also known as:** Nope; DDM36

**Summary:**

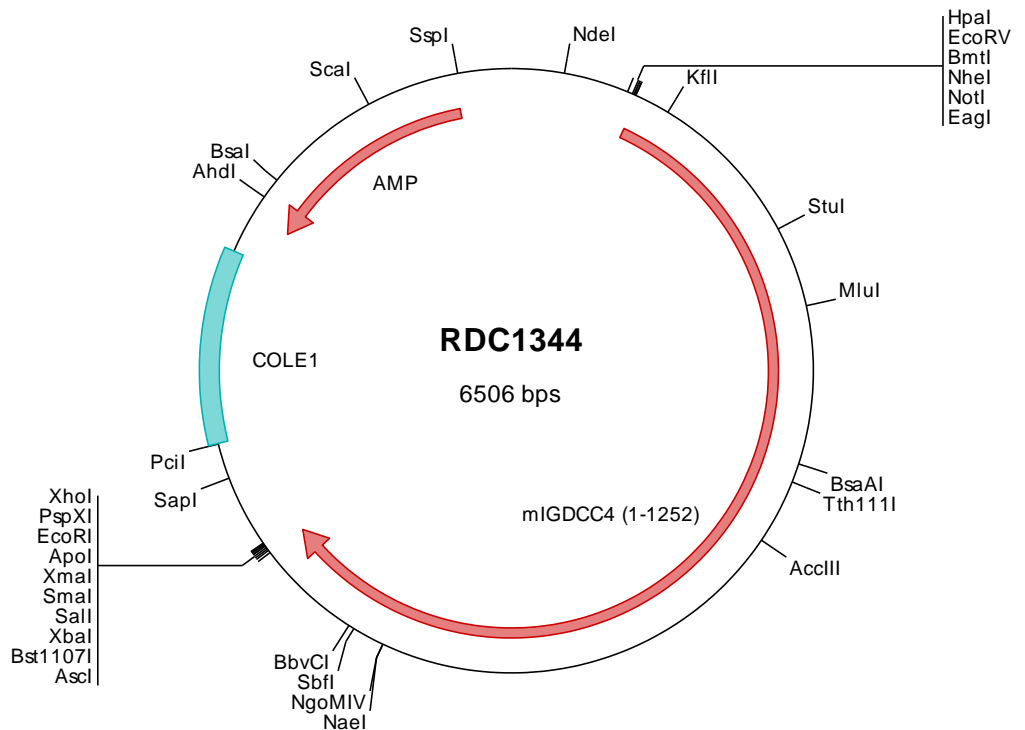
IGDCC4 is a type I transmembrane protein that belongs to the immunoglobulin superfamily. It is expressed mostly in embryonic muscle tissues and in developing and adult nervous systems. The structural similarities between IGDCC4 and the guidance receptor of the DCC family suggest that IGDCC4 may have similar functions as the DCC family.

**Description**

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

**Preparation and Storage**

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.





> **RDC1344 Translated Insert Sequence**

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1  maradtgrgl  lvltfcllsa  rgelplpget  tvklscdegp  lqvilgpeqa  vldctlgat  aagpptrvtw  skdgdvleh  enhlhlpngs  lwlsspleqe
101 dsddeaalri  wkvtegsysc  lahspigvva  sqvavvklat  ledfslhpes  qiveengtar  fechtkglp  piitwekdqv  tvpeesrlit  lpngvlqild
201 vqdsdagsyr  cvatnsarqr  fsqeasltva  lrgsleatrg  qdvvivaape  nttvvsgqsv  vmecvasadp  tpfvswvrqd  gkpistdviv  lgrtnllias
301 aqprhsgvyv  crankprtrd  fataaaelrv  laapaisqap  ealsrtrast  arfvcrasge  prpalhwlhd  giplrpngrv  kvqgggslv  itqiglqdag
401 yyqcvaensa  gtacaaaapl  vvvreglpsa  ptrvtatpls  sssvlvawer  pelhseqiig  fslhyqkarg  vdnveyqfav  nndttelqvr  dlepntdyef
501 yvvaysqlga  srtsspalvh  tlddvpsaap  qltlsspnp  dirvawlppl  sslsngqvlk  ykieyglgke  dqvfstevpg  netqltlnsl  qpnkvyrvri
601 sagtgagygv  psqwmqhrtp  gvhnqshvpf  apaekvrak  meslvvswqp  pphptqisgy  klywrevgte  eeadgdrppg  grgdqawdv  pvrllkkvkq
701 yeltqlvpg  lyevklvafn  khedgyaavw  kgktekapt  dlpiqrgppl  ppahvhaesn  sstsiwlrwk  kpdfttkiv  nytvrfgpwg  lrnaslvtyy
801 tssgedilig  glkpftkyef  avqshgvdm  gpfgsvvers  tldrptstpp  sdlrlspltp  stvrlhwcpp  tepngeivey  lilysnnhtq  pehqwtlltt
901 egnifsaevh  glesdryff  kmgartevgp  gpfsrlqdv  tlqktfsdsl  dhavtgiiv  gvclgllc  acmcaglrrs  shrealpgls  ssgtpgnpal
1001 ytrarlppps  vpaahesl  vhrpqdws  ppsdvedkae  vhsimggsvs  dcrghskrki  swaqagppnw  agswagcelp  qsggprpalt  rallppagt
1101 qtlllqalvy  daiksngrkk  pspacrnqve  aevivhsdfg  askgcpdlhl  qdlepeept  aetlpstsga  vdlsggadwl  grelggcqt  tsqperltcl
1201 peasascsc  sdlqpstaie  eapgkscqpk  alcpltvsp  lrapvssa  vp

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