

Specifications:

Gene:	<i>hIGDCC3</i>
Accession:	NP_004875
Insert size:	2458bp
Concentration:	10µg at 0.2µg/µL

hIGDCC3/PUNC cDNA Plasmid

IGDCC3 immunoglobulin superfamily, DCC subclass, member 3 [*Homo sapiens*]

Also known as: PUNC;
HsT18880

Summary:

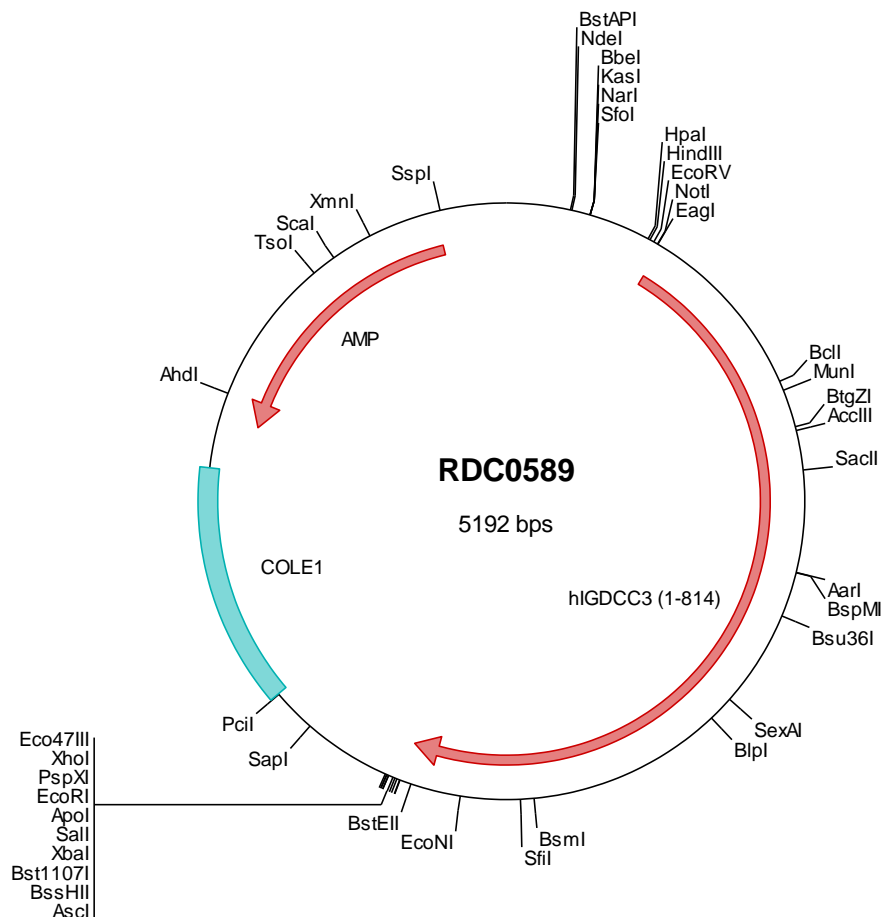
IGDCC3, a putative neuronal cell adhesion molecule, is a member of the immunoglobulin superfamily. It exhibits a novel configuration of four immunoglobulin domains and two fibronectin-type III repeats, and resembles proteins involved in axon guidance. IGDCC3 may be involved in the neuromuscular process controlling balance.

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0589 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcagggcgcg tcagcgggtg ttggcgggtg tceggggctg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtgcccggcc tcttcgctat
301 taaggcagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgcccgggt ttcccgatc acgacgtgtg aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagctt ggatccgata tgcgtagcgc gggcgcacc atggctgtgc agcgtgctgc gtctccgcgc cggcccggcc ccccgctctg
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601 gatgttgcog tcccgggcca gcctatagtg ctggaactgca ggggtgaggg gaccctccca gtgcgaatca cctggaggaa gaatggggta gagctgccag
701 agagtaccoca ctccaccctg ctggccaatg ggtccctgat gatccgtcac ttcaggctgg agcccggagg cagcccttog gatgaagggt actatgagtg
801 tgttggccag aaccgcttgg ccgctgtggt cagccggaag gctgcgactoc atgtgtcaac catgtcggac ttccacgtgc atcccaggc caccgtgggt
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> RDC0589 Translated Insert Sequence

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201 aedgfighvc asniasiris hgarlvtvsgs gsgaykepai lvgpenlilt vhtavlecv atgnprpivs wsrldgrpig vegiqvlgtg nliisdvtvq
301 hsgvyvcaan rpgtrvrrta qgrlvvqapa efvqhpsis rpagttamft cqagqeppph vtwlknqvl pggghvrlkn nstltisgi gpedeaiyqc
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501 ytprgassas vptlastlge apappplsrv vlgssllqlll wewprrlaqh eggfklfyrp asktsftgpi llpgtvssyn lsqldptavy evkllaynqh
601 gdgnatvrfv slrgaserta lspcdcorke eaanqtsttg ivigihgvt ciifcvlflf fgqrrvllc kdvenqlspp gqprsrdrpg ilalngarrg
701 qrgqlgrdek rvdmkeleql fppasaagqp dprptqdpaa papceetqls vlplqggcglm egktteaktt eatapcaglia aappppdggp gllsegqasr
801 paarvrtqpa hseq