

Product datasheet for **MC221632**

Igdcc3 (NM_008988) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Igdcc3 (NM_008988) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Igdcc3
Synonyms:	2810401C09Rik; AI851425; Punc; WI-14920
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221632 representing NM_008988
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGAGCCGCGCACCGCTCCCGCGCCGCTGCCCGCGCTGCGCCGGCCGGTTCCTGCCGCGT
 TGCTGCCGCCCGCCGCGCCGCTGCTGTTGCTGCTGCTGTTGCCGCTGCCTGCGCCAAGCCTGGG
 TCTGGCCATTCTGCTGAACTGGCATTTCCTGTGGAGCCAAATGATGATATTGCCAACCTGGGCAGCC
 ATAGTGCTGGGCTGCAAAGTGGAGGGCACCCCTCCAGTGCAAGTCTCCTGGAGGAAGAATGGAGCAGAGC
 TACCAGAGGGCACCCACCACTCTGCTGGCCAATGGCTCCTTGCTGATCCACCCTCAGGCTGGAGCA
 AGGAGGTAGCCCTCAGATGAGGGTGACTATGAATGTGTGGCTCAGAACCCTTTGGGCTGCTGGTCAGT
 CGGAAGGCTCGTCTCCAGGCTGCAACTATGTCCGACTCCACGTACACCCAGGCCGTCACGGGTGAGG
 AGGGTGGTGTGGCCGCTCCAGTGCCAAATCCATGGGCTTCCCAAGCCCTGATCAGTGGGAGAAAGAA
 CAGAGTCCCATTTGACACGGACGATGAGAGGTACACACTACTGCCAAGGGAGTCTGCAGATAACAGGA
 CTTCCGGGCTGAGGACAGCGGCATCTCCACTGTGTGGCTCAAACATTGCTAGTGTGCGGGTCAGCCACG
 GGGCCAGGCTCACTGTGTGAGGCTCGGGCTCAGGGACCTACAAGGAGCCACCATTCTTGTGGGGCTGA
 GAACCTCACCTGACAGTGCACCAGACTGCGGTGCTGGAGTGTGTGCCACGGGCAACCCGCGCCCAT
 GTGTCTGGAGCCGCTTGGATGGCCGCCCATTTGGGGTGGAGGGCATCCAGGTGCTGGGCACAGGAAACC
 TTATCATCTCAGATGTGACTGTCCAGCATTAGGTGTCTATGTCTGTGCAGCCAACAGGCCCTGGCACCCG
 GGTGAGAAGGACGGCCAGGGTGGGCTGGTGGTACAAGCTCCAGCAGAGTTTGTTCAGCATCCCCAGTCC
 ATCTCCAGGCTGCTGGGACCACAGCCATGTTACCTGCCAAGCGCAGGGGGAGCCACCCGCTCATGTCA
 CATGGTTGAAGAATGGACAAGTGTGGGGCAGGAGGCCATGTCAGGCTCAAGAACAATAACAGCACACT
 GAGCATTCTGGAGTCGGACCTGAAGATGAGGCCATCTACCAATGTGTGGCTGAGAACATTGCTGGCTCG
 TCGCAAGCCAGCCAGGCTGACCGTGTGTGGGCTGAGGGTTGCCAGGCCCCACGCAATGTCCGAG
 CTGTCTGTGTCTCCACTGAAGTTCGAGTGTCTGGAGTGTGAGCCTCTGGCCACACCAAGAGATCAT
 TGGCTATGTCTTGACATCAGGAAGGCTGCCGACTCACCAAGCTAGAGTACCAGGAAGCTGTCAGCAAG
 AGCACCTTTCAGCACCTGGTGTGAGAGCCTTGGCCCTCCACTGCCTACAGCTTCTACATCAAAGCCTACA
 CACCACGAGGGGCCAGTTTACGCTCTGTCCCAACCTGGCCAGCACCTGGGTGAAGCCCTGTCCCACC
 CCCATTATCTGTGCGGTTGCTGGGAGCTCCTCTACAAGTGTATGGAAGCCCTGGCCACGGCTGGCC
 CAACACAATGGAGGCTTCAAGCTGTTTTACCGCCAGTCAAGTCAACCTCCTTACTGGCCCATCTTGC
 TCCTGGGACTGTCTCCTTACAACCTCAGCCAGCTTGACCCAGCACCGTGTACGAGGTGAAGCTCCT
 GGCTACAACCAGCATGGAGATGGAAACGCCACGGTCCGATTTGTGTCTTGAAGGGAGCCTCTGAGAGG
 ACAGGCATTGTTATCGGCATCCACATCGGAGTCACTGCATCATCTTCTGCGTCTCTTTCTTGTTTG
 GCCAGAGGGGCAGGGTCTCCTGTGTAAGGATGTGAAAACAGCTCTCCCTCCCAGGGTCCCCGGAG
 CCAGAGGGACCTGGTATCCTGGCCCTGAATGGACTGAGCCGAGGAGAAGGGGGCCAGCTGAGCCGAGAT
 GAAAAGCCGGTGGACGCCAAGGAGTTGGAACAGCTGTTTCCACAGCTGGGTGAGTGCACAGCCAGGCT
 CCACACCCAGGATCCTGCAGCCCTGCTCCATGTGAGGAGACCCAGCTCTCCATGGTTCAGCTTCAAGG
 CTTCAACCTTGTGGCAGGGAGGACAACAGAGGCCACGTCCCCCTGTGCAGGGCCTGGGCTGTCCAGCA
 CCCAGGATATAGGCCCTGTCCCCTCAGTGAAGGACAGACCCAGCCTCCAGCAGTCGCAGCACCCACAGT
 GA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2498_f02.zip

Restriction Sites: SgfI-MluI

ACCN: NM_008988

Insert Size: 2382 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_008988.2](#), [NP_033014.1](#)

RefSeq Size: 3146 bp

RefSeq ORF: 2382 bp

Locus ID: 19289

UniProt ID: [Q8BQC3](#)

Cytogenetics: 9 35.13 cM