

Product datasheet for **MC224063**

Igdcc4 (NM_020043) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Igdcc4 (NM_020043) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Igdcc4
Synonyms:	DDM36; Nope
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224063 representing NM_020043 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGCGGGCGGACACGGGCCGCGGGCTCCTGGTGCTGACCTTCTGCCTGCTGTCCGCGCGGGGAGC
TGCCATTGCCCCAGGAGACAACGTCAAGCTGAGCTGTGATGAGGGACCCCTGCAAGTATCCTGGGCC
TGAGCAGGCTGTGGTGTGGACTGCACCTTGGGGCTACAGCTGTGGCCTCCGACCAGGGTGACATGG
AGCAAGGATGGAGACTGTACTAGAGCATGAGAACCTGCACCTGCTACCCAATGGCTCCCTGTGGCTGT
CCTCACCCCTAGAGCAAGAAGACAGCGATGATGAGGAAGCTCTTAGGATCTGGAAGGTCAGTGGGGCAG
CTATTCCTGTCTGGCCACAGCCCGCTAGGAGTGGTGGCCAGCCAGGTTGCTGTGGTCAAGCTTGCCACA
CTCGAAGACTTCTCTGCAACCCGAGTCCCAGATTGTGGAGGAGAACGGGACAGCACGCTTTGAATGCC
ACACCAAGGGCCTCCAGCCCCATCATTACTTGGAAAAGGACCAGGTGACCGTGCCTGAGGAGTCCCG
GCTCATCACTTCCCAATGGCGTCTCCAGATCCTAGATGTCCAGGACAGTGTGACGGCTCCTACCGC
TGCGTGGCCACCAATTCAGCCCGCAACGATTCAGCCAGGAGGCTCGCTCACTGTGGCCCTCAGAGGT
CTTTGGAGGCTACCAGGGGCAGGATGTGGTCACTGTGGCAGCCCCAGAGAACCACCGTAGTGTCTGG
ACAGAGTGTAGTATGGAGTGCCTGGCTCTGCTGACCCACCCCTTTTGTGCTCTGGTCCGACAGGAT
GGAAAGCCTATCTCCACGGATGCATCGTTCTGGGCCGACCAATCACTCATCGCCAGCGCCGACGCTC
GGCACTCTGGAGTCTATGTCTGCCGAGCCAACAAGCCCCGACGCGTATTTCCGCACTGCGGCTGTGA
GCTCCGAGTGCTGTGCCCCAGCCATCTCGCAGGCGCCGAGGCGCTCTCGCGACGCGGGCCAGCACC
GCGCGCTTCGTGTGCCGGCGTCCGGGAGCCACGGCCCGCTGCCTGGTGCACGACGGGATCCCGT
TGCGACCCAATGGGCGCGTCAAGGTGCAGGGCGGTGGCGGAGCTTGGTCACTCAGATCGGCCCTTCA
GGACGCTGGCTACTACCAGTGCAGTGCAGAAAACAGCGCGGAACTGCCTGTGCCGCTGCGCCCTGGCG
GTAGTGGTGGCGAGGGGCTGCCAGCGCCCGACTCGGGTACAGCCACGCGCTGAGCAGCTCCTCTG
TGCTGGTGGCTGGGAGCGGCTGAGTTGCACAGCGAGCAAATCATTGGCTTCTCTTCACTACCAAAA
GGCAAGGGGAGTGACAATGTGGAGTACCAGTTTGCAGTAAACAATGACACCACAGAGCTGCAGGTTCCG



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GACCTGGAACCCAACACGGATTATGAGTTCTACGTGGTGGCCTACTCCCAGCTGGGGGCCAGCCGAACCT
 CCAGCCCAGCCCTGGTGCATACACTGGACGATGTCCCCAGCGCAGCACCCAGCTTACCTTGTCCAGCCC
 CAACCCCTCGGACATCAGGGTGGCATGGCTGCCCTGCCCTCCAGCCTGAGCAATGGACAGGTGCTGAAG
 TACAAGATAGAGTACGGTTTGGGGAAGGAAGATCAGGTTTTCTCCACCGAGGTGCCTGGAATGAGACAC
 AACTTACGTTAAACTCACTTCAGCCAAACAAAGTGTACCGAGTCCGGATTTTCCAGCTGGCACTGGCGTGG
 CTATGGAGTCCCTTCTCAGTGGATGCAGCACAGGACACCTGGTGTGCACAACCAGAGCCATGTTCCCTTT
 GCCCTGCAGAAATTGAAGGTGAGGGCAAAGATGGAGTCCCTGGTGGTGTATGGCAGCCGCCCTCACCC
 CCACCCAGATCTCTGGATACAACTCTACTGGAGAGAGGTGGGAACAGAGGAGGAGCAGATGGTGACCG
 CCCCCAGGGGTCTGGAGATCAAGCTTGGGACGTGGGGCCCTGCGGCTGAAGAAGAAAGTGAAGCAG
 TATGAAGTACCAGTTAGTCCCTGGCAGGCTGTACGAGGTGAAGCTCGTAGCTTTCAACAAACACGAGG
 ACGGCTACGCTGCTGTGTGAAGGGCAAGACGGAGAAGGCGCCACGCCAGACCTGCCTATCCAGAGGGG
 GCCACCGCTGCCTCCTGCCATGTCCACGCAGAGTCAAACAGCTCCACTTCCATTTGGCTTCGGTGAAG
 AAGCCAGACTTTACCAGTGTCAAGATTGTCAACTACACTGTACGCTTCGGCCCTGGGGCTCAGGAATG
 CTTCCCTGGTACCTACTATACCAGCTCTGGAGAAGACATTCTATTGGCGCCCTGAAACATTTACCAA
 GTACGAGTTTGGGTACAGTCCCACGGAGTGGATATGGATGGGCCCTTTGGCTCGTCTAGAACGCTCC
 ACCCTGCCTGACCGCCCTTCAACACCTCCTTCTGACCTGCGCCTGAGCCCTGACACCATCCACCGTTC
 GGTTACTACTGGTGTCCCCCACGGAGCCCAATGGTGAAGTGTGGAGTATCTAATTCTCTACAGCAACAA
 CCACACCAGCCCGAACACCAAGTGGACACTGCTCACCACAGAGGGAAACATCTTCAGTGCAGAGGTCCAT
 GGCCTAGAGAGTGACACTCGGTATTTCTTCAAGATGGGAGCCCGCACAGAGGTGGGGCTGGGCCCTTTT
 CCCGCTTGCAAGATGTGATTACTCTGCAAAAGACATTCTCAGACTCCTTGATGTGCACGCCGTACAGGG
 CATCATCGTGGGTGTCTGCCTGGGCCTTCTCTGCCTCCTGGCCTGCATGTGTGCTGGCCTACGACGAAGC
 TCCACAGGGAAAGCCCTGCCCGATTGTCTCCTCAGGCACCCAGGAAACCCAGCGCTCTACACAAGAG
 TTGGTCCCCACCACCCTCAGATGTGGAAGACAAGGCTGAAGTACACAGCCTTATGGGTGGCAGTGTTC
 GATTGCCGGGGCCACTCCAAGAGAAAGATCTCCTGGGCTCAGGCAGGGGACCAAACTGGGCAGGCTCCT
 GGGCAGGCTGTGAGCTGCCCCAGGGTAGTGGTCCAAGGCCGGCTCTGACCCGTGCTCTGCTGCCCTCCAGC
 GGGAAACCGGCAGACTGCTGCTGCAAGCCCTGGTATATGACGCCATAAAGAGCAACGGGAGAAAGAAG
 CCGTCCCCAGCCTGCAGGAATCAGGTGGAAGCTGAGGTATTGTCCACTCCGACTTCGGTGCATCCAAAG
 GATGCTCCTGACCTCCACCTCCAAGACCTGGAGCCAGAGGAACCACTGACTGCAGAGACTCTGCCTCCAC
 GTCTGGAGCTGTGGATCTGTCTCAAGGAGCAGACTGGCTGGGCAGGGAGCTGGGAGGGTCCCAACCAACA
 ACCAGTGGGCCAGAGAGGCTCACCTGTTGCCAGAAGCAGCCAGTGCCTCCTGCTCCTGCTCAGACCTCC
 AGCCCAGCACTGCTATAGAGGAGGCCCTGGGAAAAGCTGCCAGCCAAAGCCCTGTGCTCCTTAACAGT
 CAGCCCAAGCCTTCCCAGGGCCCTGTCTCCTCTGCTCAGGTCCCTGA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAAGTTTAA

Restriction Sites: SgfI-RsrII
 ACCN: NM_020043
 Insert Size: 3759 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_020043.3](#), [NP_064427.2](#)

RefSeq Size: 6227 bp

RefSeq ORF: 3759 bp

Locus ID: 56741

UniProt ID: [Q9EQS9](#)

Cytogenetics: 9 C