

Product datasheet for **MC229521**

Igdcc4 (NM_001290315) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Igdcc4 (NM_001290315) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Igdcc4
Synonyms:	DDM36; Nope
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC229521 representing NM_001290315 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGCGCGGGCGGACACGGGCCGCGGGCTCTGGTGTGACCTTCTGCCTGCTGTCCGCGCGGGGAGC
TGCCATTGCCCCAGGAGACAACGTCAAGCTGAGCTGTGATGAGGGACCCCTGCAAGTGATCCTGGGCC
TGAGCAGGCTGTGGTGTGGACTGCACCTTTGGGGCTACAGCTGTGGGCTCCGACCAGGGTGACATGG
AGCAAGGATGGAGACTGTACTAGAGCATGAGAACCTGCACCTGCTACCAATGGCTCCCTGTGGCTGT
CCTCACCCCTAGAGCAAGAAGACAGCGATGATGAGGAAGCTCTTAGGATCTGGAAGGTCCTGAGGGCAG
CTATTCCTGTCTGGCCACAGCCCGCTAGGAGTGGTGGCCAGCCAGGTTGCTGTGGTCAAGCTTGCCACA
CTCGAAGACTTCTCTGACCCCGAGTCCCAGATTGTGGAGGAGAACGGGACAGCAGCCTTTGAATGCC
ACACCAAGGGCCTCCAGCCCCATCATTACTTGGAAAAGGACCAGGTGACCGTGCCTGAGGAGTCCCG
GCTCATCACTCTCCCAATGGCGTCTCCAGATCCTAGATGTCCAGGACAGTGTGCAGGCTCCTACCGC
TGTGGCCACCAATTCAGCCCGCAACGATTCAGCCAGGAGGCTCGCTCACTGTGGCCCTCAGAGGGT
CTTTGGAGGCTACCAGGGGCGAGGATGTGGTCAATGTGGCAGCCCGAGAGAACCACCGGTAGTGTCTGG
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TGCGACCAATGGGCGCGTCAAGGTGCAGGGCGGTGGCGCAGCTTGGTCACTCAGATCGGCCCTTCA
GGACGCTGGCTACTACCAGTGCCTAGCAGAAAACAGCGCGGAACTGCCTGTGCCCTGCGCCCTGGCG
GTAGTGGTGCAGGAGGGCTGCCAGCGCCCGACTCGGGTACAGCCAGCCGCTGAGCAGCTCCTCTG
TGCTGGTGGCCTGGGAGCGGCCGTGAGTTGCACAGCGAGCAAATCATTGGCTTCTCTTACTACCAAAA
GGCAAGGGGAGTGGACAATGTGGAGTACCAGTTTGCAGTAAACAATGACACCACAGAGCTGCAGGTTCCG
GACCTGGAACCAACACGGATTATGAGTTCTACGTGGTGGCCTACTCCAGCTGGGGCCAGCCGAACCT



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CCAGCCCAGCCCTGGTGCATACACTGGACGATGTCCCCAGCGCAGCACCCAGCTTACCTTGCCAGCCC
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TACAAGATAGAGTACGGTTTGGGAAGGAAGAAGATCAGGTTTCTCCACCGAGGTGCCTGGAAATGAGA
CACAACCTACGTTAAACTCACTTCAGCCAAACAAAGTGTACCGAGTCCGGATTCAGCTGGCACTGGCGC
TGGCTATGGAGTCCCTTCTCAGTGGATGCAGCACAGGACACCTGGTGTGCACAACCAGAGCCATGTTCCC
TTTGCCCTGCAGAATTGAAGGTGAGGGCAAAGATGGAGTCCCTGGTGGTGTATGGCAGCCGCCCCCTC
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ATGCTTCCCTGGTCACCTACTATACCAGCTCTGGAGAAGACATTCTATTGGCGGCTGAAACCATTTAC
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TTCCGTTACACTGGTGTCCCCCAGGGACCCAAATGGTGAATTTGGAGTATCTAATTCTCTACAGCAA
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CATGGCCTAGAGAGTGACACTCGGTATTTCTCAAGATGGGAGCCCGCACAGAGGTGGGGCTGGGCCCT
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GGGCATCATCGTGGGTGTCTGCCTGGGCCTTCTCTGCCTCCTGGCCTGCATGTGTGTGGCTACGACGA
AGCTCCACAGGGAAGCCCTGCCCGATTGTCTCCTCAGGCACCCAGGAAACCAGCGCTCTACACAA
GAGCTCGACTTGGCCCCCAGTGTCCCTGCTGCCATGAGTTGGAGTCCCTCGTGCATCCTCGTCCCA
GGATTGGTCCCCACCCTCAGATGTGGAAGACAAGGCTGAAGTACACAGCCTTATGGGTGGCAGTGTT
TCAGATTGCCGGGGCCACTCAAGAGAAAGATCTCCTGGGCTCAGGCAGGGGGACAAACTGGGCAGGCT
CCTGGGAGGCTGTGAGCTGCCCAGGGTGTGGTCCAAGGCCGCTCTGACCCGTGCTCTGCTGCCTCC
AGCGGGAACCGGGCAGACACTGCTGCTGCAAGCCCTGGTATATGACGCCATAAAGAGCAACGGGAGAAAG
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AAGGATGTCTGACCTCCACCTCAAGACCTGGAGCCAGAGGAACCACTGACTGCAGAGACTCTGCCTTC
CACGTCTGGAGCTGTGGATCTGTCTCAAGGAGCAGACTGGCTGGGCAGGGAGCTGGGAGGGTGCCAAACA
ACAACCAGTGGCCAGAGAGGCTCACCTGCTTGCCAGAAGCAGCCAGTGCCTCCTGCTCCTGCTCAGACC
TCCAGCCAGCACTGCTATAGAGGAGGCCCTGGGAAAAGCTGCCAGCCCAAAGCCCTGTGCTCCTAAC
AGTCAGCCAAAGCCTTCCAGGGCCCTGTCTCCTCTGCTCAGGTCCCC TGA
    
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AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-RsrII

ACCN:

NM_001290315

Insert Size:

3762 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation:

Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001290315.1](#), [NP_001277244.1](#)

RefSeq Size: 6230 bp

RefSeq ORF: 3762 bp

Locus ID: 56741

UniProt ID: [Q9EQS9](#)

Cytogenetics: 9 C