

Product datasheet for **MC211519**

Isca2 (NM_028863) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Isca2 (NM_028863) Mouse Untagged Clone
Tag: Tag Free
Symbol: Isca2
Synonyms: 0710001C05Rik; 5730594E03Rik; Hbld1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211519 representing NM_028863
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGGCCTCCAGGGCCTTGTCCTAACTGCCGAGGCGGTGAGGGCTGTCATTCTAGGCGCTCGGAA
GGCTCCTCGCGTCTTTCCAGGCTTTGACCCGCTGGGAAACAACATCTCCATTCCAGAGGCTGGCGA
GGGACAGATCCGCTCACAGACAGCTGCGTCCAGAGGCTTCTGGAAATCACCGAAGGGTCAGAATTCCTC
AGGCTGCAAGTAGAGGGAGGTGGATGCTCCGGATTCCAATACAAATTTTCACTGGATACAGTTATTAACC
CCGACGACAGGGTATTTGAACAGGGTGGGGCAAGAGTGGTGGTTGACTCTGATAGCTTGGCTTCGTTAA
GGGAGCCCAGGTGGACTTCAGCCAAGAAGTATCCGAAGCTCATTCCAAGTGTGAATAACCCTCAAGCC
CAGCAAGGCTGCTCCTGTGGTTCATCTCTCTGTCAAAGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_028863
Insert Size: 465 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).



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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:	<ol style="list-style-type: none">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:	<u>NM_028863.1</u> , <u>NP_083139.1</u>
RefSeq Size:	868 bp
RefSeq ORF:	465 bp
Locus ID:	74316
UniProt ID:	<u>Q9DCB8</u>
Cytogenetics:	12 D1
Gene Summary:	Involved in the maturation of mitochondrial 4Fe-4S proteins functioning late in the iron-sulfur cluster assembly pathway. May be involved in the binding of an intermediate of Fe/S cluster assembly.[UniProtKB/Swiss-Prot Function]