

Product datasheet for **MC212648**

Iba57 (NM_173785) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Iba57 (NM_173785) Mouse Untagged Clone
Tag: Tag Free
Symbol: Iba57
Synonyms: 4930543L23Rik; A230051G13Rik; C1orf69
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212648 representing NM_173785
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCAGCGGTGGCGCTGCTTCGGGGCGCGGCTGTGGGGCGCAGAAGCCAGCTTGGCACTGGCGGCTGA
 GCGGGACCGCGAGTCACTGCCTAGCCCGTGGCTTTGGCCTTCTTGGCAGCAACCCCGGGACGGTGTGGC
 CTGGACTTGTTCGGCTGGACGGCGCGCCTTAGTGCGGTGCGCGGCCGGACGCTGCACCTTCCTG
 TTGGGACTATCGACCAATGAGCTGCCGCTTTCGGGGCCTCCGACCGGCGCGGCTCAGCCCTCGCGCGT
 CGGCGTATGCCCATTTCTGAATGTGCAGGGACGCACGCTCTATGACGTCATTCTGTATGGACTCCCAGA
 GTGTACGGAGGGGGACCAAGCTTTCTCCTGGAGTGTGACAGCTCCGTGCTGGGCGCCCTACAGAAGCAC
 CTCTCCATGTACAAGATCCGGCGGAAGGTACCGTGGAGCCAAGTCCGGAGCTCCACGTGTGGGCTGTGC
 TACCCTGTGTCCCCAACCTCTGAGACTGCACCTCTAGAAGAGAGGGTAGAAGGCACCACCATGCTTAT
 CCGTGACCCCGGACTGCACGTATGGGGTGGCGGCTTCTACCCAGGATGATGGCCAGCCCTGGTGCC
 AGGGGACAGCTTGGGGATCTCCAAGATTACACAAGTACCGGTACCAGCAAGGCATCCCCGAGGGAGTCT
 GTGATCTCCCCAGGGATGGCCCTCCCCCTGGAGTCCAACCTTTCATGAATGGCGTGAGGCTTCAC
 GAAGGGCTGTACATTGGGCAGGAGCTGACGGCCCGGACCCACCATACAGGTGTCATCCGCAAGCGCCTC
 TTCCAGTGAAGCTTGAAGGCCCTGCCTGCAAGTGGCGTCAGCCCTGGCGCCATAGTGACGGTGACTG
 CCACAGGCCAGGCAGCGGCAAGTTCAGGGCTGGCCAGGGACACGTGGGACTGGCTTTGCTGCGGTGAGA
 GACAATCAAGGGTCTCTCCACATCAAGACCTCCGAGAGCCAGTTGGTGGCTGTGACTGCCGTGGTGCCG
 GACTGGTGGCCACAGCTGCCAAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_173785



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Insert Size:	1077 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).
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_173785.6</u> , <u>NP_776146.1</u>
RefSeq Size:	4027 bp
RefSeq ORF:	1077 bp
Locus ID:	216792
UniProt ID:	<u>Q8CAK1</u>
Cytogenetics:	11 B1.3
Gene Summary:	<p>Involved in the maturation of mitochondrial 4Fe-4S proteins functioning late in the iron-sulfur cluster assembly pathway.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>