

Product datasheet for **MC228108**

Iffo2 (NM_001205173) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Iffo2 (NM_001205173) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Iffo2
Synonyms:	C79267
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228108 representing NM_001205173
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTAACTCGTCTGTTTCGGAGAGATGGCCTTGGCCTTCGGTGTCCCGCCGGGGGGCGGCGGCTGCG
 CAGGCGGCGGGGGTGGCGGGCCGGGCCGGGGCCCTCGCCGTAACGGCGGCCCTGCGGGACGATCT
 GGGTTCCAACATCCACCTCCTCAAGGGCTCAACGTGCGTTTCCGCTGCTTCTGGCCAAGTGCACGAG
 CTGGAGCGGCGCAACCGGCTCCTGGAGAAACAGCTGGAGCAGCAGAGCGAGCGCGATCGGCGGCTGC
 GCTACAAGACCTTCTCCCGGAGCAGGCGTGCAGACCGGGCCGAGCTGCTGCGGCCGTGCGTGGGG
 AAGCGGGCAGGCCCTCGGCGGGCCACCGGCTCAACGCCAACCGGTGGCCCTGGGCGGCTGCCCCC
 GGGCGGCTCGACCCGAGCACTACGGTCGCTGCCCGGGACCATCTGGAGCTACACGCAGGTGCGGC
 GCACGGGAGGCGGTGGCGTGGAGACTGTGACGGGCCCCGGCGTGTGCGGTACACCGGACGGCGTAGG
 CGTGCAGATCGACCCATCACGCCAGAGATCCGCGCTCTCTAACCGTGTGGCCAAGGTGAAGCGCGAG
 CGTGACGAGTACAAACGGAGGTGGGAGGAGGAAGTGGCCAAACCGATGAACCTTCAGACCATGGTGGACA
 CGCTGCAGGAGGCGCGCAAGAAGCCGAGGCTATCCAGGAGGAGATGAACGAGAAGATTGAGCGGCTCAA
 GGCCGAGCTGGTGGTGTCAAAGGGCTCATGAGTGACCCCATGACAGACCTGGACACAAAGATCCAAGAA
 AAGGCTATGAAGGTGGACATGGACATCTGCCGCCGAATCGATATCACGGCTAAGCTGTGTGATGTCGCAC
 AGCAGAGGAACTCAGAAGACGTGTCCAAGATCTCCAGGTGGTCCCTAAGAAGAAAGATCGTAAGGTGGC
 TTCGGATGAAGACATCTCGGAGCAGGACGGGAGGTGAATCGGTTTTTCAGATGAGGAGGTGCGCTCCATG
 AACACTGATGAGATGAAGCGCATGTTTAACCAGCTGCGGGAGACCTTTGATTTTGTGACGACTGTG
 ACAGCTGACGTGGGAAGAGAATGAAGACACACTGCTGCTATGGGAGGATTTTACCAACTGTAACCCAAC
 CATTGACCTGCAGGTGAGCAAGAAGAAAACCTGGGCAACTTGATCCATGAGACCGAATCCTTCTTCAAG
 ACGAGAGACAAGGAGTACCAGGAGACCATAGGCCAGATTGAGCTGGAGCTGGCCACAGCCAAGAGCGACA
 TGAACCGACACCTTCATGAGTATATGGAATGTGCAGCATGAAGCGAGGCTGGAGCTGCAGATGGAGAC
 CTGCCGTGCGCTCATCAAGGCTCTGCAGACAGGAATCACCGTCCCCAGCTCCGTGGCCAGCAGTGAC
 TCAGGAAGTACAGACGAAATCCAGGAAGACCTGGAGCGGGAGGCGGATGTGGAGCCCATGGTCAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001205173

Insert Size: 1539 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_001205173.1](#), [NP_001192102.1](#)

RefSeq Size: 5732 bp

RefSeq ORF: 1539 bp

Locus ID: 212632

UniProt ID: [Q8R2V2](#)

Cytogenetics: 4 D3