

Product datasheet for **MC201347**

Coa3 (NM_026618) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Coa3 (NM_026618) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Coa3 |
| Synonyms: | 1810033A19Rik; Ccdc56; D11Ert99e; HSPC009 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >BC026206 sequence for NM_026618 GGGCGGAGCAGCAACATGGCGGCCCTGGAGCTGGTGACCCTCTGAATGCTAAGAATGGAATGCTCCAT TCGCTCAGCGCATCGACCCGTCGCGGGAGAAATTGACCCAGCGCAGTTGCAGTTTATGCGGCAGGTGCA ACTTGCCCAAGTGGCAGAAAACACTGCCACAGCGCGGACCCGGAACATCATGACCGGCCTGGGCATCGGG GCCCTGGTGTTAGCTATTTATGGTTACACCTTCTACTCGGTGGCCCAAGAGCGTTTCCTTGATGAGCTGG AAGATGAAGCCAAAGCTGCCGAGCCCGTCTTCTGAGAGAGAGCGAGCTTCGGGACCCTAACTGTATGG ACCATCTTCAAAGTCTGGATCCCTGTATATGTTGAATGATGCCTGGTGGTCTTACAGCATCACTGGCA CACTAACGTCGGACTGTGTGATTGAGCCCAAGAAGCCAGAGACTATGCATTTGGCCGCTGCCAAGGGGGG GATTGCTCACTTCACGTGCAGTTTGTCCAGTTACTCAGCCCTTTTATTTCTTGTGGTGGAGGTATGCA ACCTTGCCCTTACCCAACTTTGTGGTTTACCCCTTACCTCCCAGGGGGCCCGACTCTTAAGGGGGAGG GTGTGGCTTAACTGCAGCGTTGGAACCTTAAAGTGGGAAAGATAGGGTCAAGTTAAAGTAATAAAATGAG TCATGTCTCCCGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA |
| Restriction Sites: | EcoRI-NotI |
| ACCN: | NM_026618 |
| Insert Size: | 327 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). |



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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: [BC026206](#), [AAH26206](#)

RefSeq Size: 744 bp

RefSeq ORF: 327 bp

Locus ID: 52469

UniProt ID: [Q9D2R6](#)

Cytogenetics: 11 64.56 cM

Gene Summary: Core component of the MITRAC (mitochondrial translation regulation assembly intermediate of cytochrome c oxidase complex) complex, that regulates cytochrome c oxidase assembly. MITRAC complexes regulate both translation of mitochondrial encoded components and assembly of nuclear-encoded components imported in mitochondrion. Required for efficient translation of MT-CO1 and mitochondrial respiratory chain complex IV assembly. [UniProtKB/Swiss-Prot Function]