

Product datasheet for **MC201171**

Cyp2c55 (NM_028089) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Cyp2c55 (NM_028089) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Cyp2c55 |
| Synonyms: | 2010318C06Rik |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >BC010824 sequence for NM_028089
 GAAGAGAAAGCTGCCATGGATCCAGTCCTGGTCTGGTGCCTACTCTCTCTGTCTGCTTCTCCTCTCCC
 TCTGGAGACAAAACCTCTGGGAGAGGGAAGCTCCCTCTGGCCCCACCCCTTTCCCAATTATTGGAACAT
 CCTTCAGATAGATATAAAGAACATCAGCAAATCCTTCAACTATTTCTCAAAAGTCTATGGCCCCGTGTC
 ACTCTGTACTTTGGTTCAAAGCCTACTGTGGTGTACATGGATATGAAGCAGTAAAGGAAGCTCTGGATG
 ACCTTGGAGAGGAGTTTTCTGGGAGGGGTAGTTTTCAAATTTTTGAAAGAATAAATAATGATCTGGGGT
 GATTTTCAGCAATGGAACAAAATGGAAGGAGCTTCGGCGCTTCTCAATCATGACCTTGAGGAGTTTTGGG
 ATGGGGAAGAGGAGCATCGAGGATCGCATTCAAGAGGAAGCATCCTGTCTTGTGGAAGAGCTAAGAAAAG
 CAAATGGTTCACTCTGTGATCCACATTCATCCTGAGCTGTGCTCCCTCCAATGTGATCTGTTCAAGTTAT
 TTTCCACAATCGTTTTGATTATAAAGATGAGAAGTTTCTTAACCTGATGGAGAGACTCAATGAAAACCTT
 AAAATCTTGAACCTCCCATGGATGCAGGTCTACAATGCTCTGCCTACCCTCATCAATTATCTCCAGGGA
 GTCATAACAAAGTAATTAATAAATTTTACTGAAATAAAAAGTTACATTTTGGGGCAGTGAAGAACAACA
 GGAACACTGGACATGGACAATCCTCGGACTTCATTGACTGCTTCTGATCAAAATGGAACAGGAAAAA
 CACAATCCCCATTGGAGTTTACTATTGAAAGCTTGATGGCCACTGTAACCGACATATTTGTAGCTGGAA
 CAGAAACCACAAACATTACTCTAAGATATGGACTCTTGCTCTACTGAAACACACAGAGGTCACAGCTAA
 AGTCCAGGCAGAGATCGATCACGTGATTGGCAGACACAGGAGCCCTGCATGCAGGACAGAACCCTGCATG
 CCCTACACAGATGCCATGGTGCATGAGATTCAGAGATACATTGACCTCATCCCCAACAAATGTGCCCATG
 CAGCTACTGTAATGTTAGATTCAGAAGTTACTTCATCCCAAGGGCACAGAGTTAGTAACATCACTGAC
 TTCTGTGCTGCATGATGACAAAGAATTTCCCAACCCAGAAGTATTTGACCCTGGCCATTTTCTGGATGAG
 AATGGGAACTTTAAGAAGAGTGACTACTTTATGCCTTTCTCAATAGGAAAGCGAATGTGCGTGGGAGAGG
 CCCTGGCTCGCACGGAGCTGTTTTGATTCTGACCACCATTTTACAGAATTTTAACTGAAATCTTTGGT
 TGATACAAAGGACATTGACACTACTCCAGTGGCCAATACTTTTGGCCGTGACCACCTTCATACCAGCTG
 TACTTCATTCCTCGTTAAAGCAGAACACTGGCTGTTGCTATGCTGGTATCTCTGACTCTCAGGGAGC
 AGTCTCCATATCCTGTCAACTATTAGGGACATCTCTCTACTACTCTCACATCTTTTCACTTCCCA
 CAATCCAGTCATCATCCATCTTTGTTTAAAGAGATTTTCCAGAGTTACCATGCAGATCCATCCTCTGTCC
 TCTTCAGTCTACAACACTTATATCGACAGTACTAAGACATGACTGTGCTACTAATATGTTAAAAGTGTA
 ATACAGACGAGGTCAACTGAGAGCCATCTATGCTTTGCTTGACTCAAAGTAAAAGGAGTTATTAAGTAA
 GAGTCAATTTTTCAGGTTTCTTTTCTTTTTTAAACACATAATTCGTATAAAGAGTAAAAAGTAAAGTTAGT
 ATTGAAATGCATAATATGATATCATCTTTTACCTATTTGAATGTGGATTTGTAATTAATAAAGTAAACTGA
 AAATAAAGAATTGGTAATAAGTAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_028089

Insert Size: 1473 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:

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: [BC010824](#), [AAH10824](#)
RefSeq Size: 1998 bp
RefSeq ORF: 1473 bp
Locus ID: 72082
UniProt ID: [Q9D816](#)
Cytogenetics: 19 C3
Gene Summary: Metabolizes arachidonic acid mainly to 19-hydroxyeicosatetraenoic acid (HETE).
[UniProtKB/Swiss-Prot Function]