

Product datasheet for **MC205532**

Cyp2c29 (NM_007815) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Cyp2c29
Synonyms:	Ah-2; Ahh-1; AHOH; AHOHase; AII59681; AII96010; Cyp2c; P450-2C
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC019908 GTAAGGAGGTTTCGCTATGGATCTGGTCTGTTCCTAGCGCTCACTCTATCTGTCTTATTCTCCTCTCAC TATGGAGACAGAGCTCTGGGAGAGGGAAGCTCCCTCCTGGCCCCACGCCTCTCCCAATTATTGGTAACCTT CCTCCAGATAGATGTGAAGAACATCAGCCAATCCTTCACCAACTTCTCAAAAGCTTATGGCCCTGTGTTCT ACTCTGATTTTGGGCTCAAAGCCTACTGTCATATTGCACGGGTATGAAGCGGTGAAGGAAGCTCTGATTG ATCGTGGGAGGAGTTTGTCTGGTAGAGGAAGCTTTCCAATGGCTGAAAAATGATTAAGGTTTTGGCGT TGTTTTTAGCAATGAAAACAGATGGAAGAGATGAGACGATTTACACTCATGACCCTGCGAAATTTGGGC ATGGGAAAAAGGAACATTGAGGACCGTGTTCAGAGGAAGCACAGTGTCTTGTGGAAGAACTGAGGAAAA CCAAAGGCTCACCTGTGACCCACCTTCATCCTGAGCTGTGCTCCATGCAATGTCATCTGCTCAATTAT TTTCCAGAATCGTTTTGATTATAAGGATAAGGAATTTCTTATCCTCATGGATAAAATAAATGAGAATGTC AAGATTCTGAGCTCCCATGGTTGCAGGTCTGCAATAGTTTCCCTCACTCATTGACTATTGCTCCTGGAA GTCATCAGAAAATAGTAAAAATTTTAATTATCTAAAAAGTTATTTGTTGGAGAAAAATAAAGAACACAA GGAATCACTGGATGTTACAAACCCCGTGACTTTATTGATTATTACCTGATTAAACAAAAACAGGTAAAC CACATTGAACAATCAGAGTTTTCACTTGAAAATCTGGCAAGCACTATCAATGACCTCTTTGGTGCAGGGA CAGAGACAACAAGCACAACTGAGATATGCTCTCCTACTCCTGCTGAAGTACCCAGATGTACAGCTAA AGTCCAGGAAGAGATTGACCGTGTGGTTGGCAGGCACCGCAGCCCTGCATGCAAGACAGGAGCCACATG CCCTATACAGACGCCATGATTCATGAGGTCCAGAGATTCATCGACCTCTCCCACTAGCCTGCCTCATG CAGTGACCTGTGACATTAATTCAGGAAATACCTCATCCCCAAGGGAACACAGTAATAACATCACTGTC ATCAGTGCTGCATGACAGCAAGGAGTTTCCCAACCCAGAGATGTTTGACCTGGGCACCTTTCTAAATGGG AATGGAACCTTTAAGAAAAGTGACTACTTCATGCCTTTTTCAACAGGAAAACGATTGTGCTGGAGAGG GCCTGGCCCGCATGGAGCTGTTTCTAATCCTGACAACATTTTACAGAACTTCAAACTGAAATCTCTGCT CCACCCAAAAGAAATTGATATTACCCAGTGATGAATGGATTGCTCTCTGCCACCCCTTACCAGCTC TGCTTCATTCTCTCTAAAGAGATCAGACTTTCTGGCCCTGCTGTGATGCCTTCTACAATTGTCTCAGG TCTTTATCCACATCCCTCCCTATCAGGGATATGGTATCTTTTCATCCTGGCTTACAGAACCTCTTCTCTC AAGACCCAGCAACACATACAGTTTCTGGAGTTATAGTACAAATGCACTTGATTTTTCTCTTTTATATAA CAGTTTTCTGATTCCTTGTGCTTATGTGTATCCATTCTTGAGTAAAAATAAGCTTCACTGTAAAGAAAA AAAAAA



Restriction Sites:	RsrII-NotI
ACCN:	NM_007815
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC019908</u> , <u>AAH19908</u>
RefSeq Size:	1757 bp
RefSeq ORF:	1473 bp
Locus ID:	13095
UniProt ID:	<u>Q64458</u>
Cytogenetics:	19 33.91 cM
Gene Summary:	Metabolizes arachidonic acid to produce 14,15-cis-epoxyeicosatrienoic acid (EET). [UniProtKB/Swiss-Prot Function]