

Product datasheet for **MC219191**

Ces5a (NM_001003951) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ces5a (NM_001003951) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ces5a
Synonyms:	1700081L16Rik; 1700122C07Rik; BB081581; cauxin; Ces7; Gm503
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219191 representing NM_001003951
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCGGGGACTGGGTGCGTCCAGGACAAGCCCTAATCTGGGTTATTTGGATCTTTGGAGCCATCATCG
 AGGGGTCTGTGACTGAAGAGCCACATAGGTACACCAAGCTGGGATGGGTGCAGGGGAAGCAAGCCACCGT
 GCTGGGAAGACTGGAACCCGTGAACGTGTTTCTGGGATCCCCTTTGCTGCACCCCTCTTGACCTCTG
 CGGTTTTCCAAGCCACAGCCTCCGATCCCTGGGATAATTTGCGAGAAGCCACTGCCTATCCCAATTTGT
 GCTTTCAGAACTTAGAGTGGTTATTCATATATCAAAAACCTGCTCAAAGTAAGTTACCCTATACTTGGAA
 GTCAGAGGACTGCTTATACCTCAACATTTATGCACCATGCCATGCCAATAACGGCTCCAGTCTCCCGGTC
 ATGGTGTGGATACCAGGTGGTGGCTTTGAGACTGGCTCAGCTCCATCTTTGATGGCTCTGCCCTGGCTG
 TCTATGAGGATGTGTTGGTTGTCACCATCCAGTACCGCTAGGAATATTTGGCTTCTTCACCACACAGAA
 CCAGCATGCCCTGGGAATTGGGCCTTCTGGGACCAGCTGGCTGCCTTGCTGTGGGTGAGGAGAACATC
 AAGTACTTCGGTGAAACCCCTGACTCCGTGACCATCTTCGGTAACTCAGCGGGAGCCATAAGCATTCTA
 GCCTCATTCTGTCTCCTTTGAGTGCGGACTTATCCACAGAGCCATCATGCAGAGTGGAGTGGCCATCAT
 CCCAGCTGAAGAGCTCTGATAATGATCTGAAACATGATTTGCAGGTGGTTGCAATGTTTGTGATTGC
 AATGTATCAGACTCCAAGGCTTTGCTGAAGTGCCTGAGGGAAAAGTCTTCTTTGGAGTTGATGAGCCTTA
 GCCAGAAAGCAAATCATTCACTCGAGTGGTGCAGCGTCTTCTTCTCCGAAGAACCCTAGAAGTGT
 GTCTCAAAGACATTGAAAATAGTACCTTCTATCATTGGAGTCAATAACCAGGAGTGTGGCTACATTTG
 CCCGTGAGAGACTCCTGAGATTCTCCTCGGCTCCAATGAGTCTACTGCTCTCACCTTGATACATACTT
 TGCTGCATATCCCACCCAGCATTGTACATTGTGACTAAAGAGTACTTCCATGGCAAGCATTCTCCGAC
 CGACATCCGAGACACTTTACTGGACTTGTGGGAGATGTGTTCTTTGTGGTTCGCGGCTGGTTACAGCT
 CGATATCACAGAGATTCTGGTGGACCTGTCTATTTTTATGAGTTTCAGCACAGACCCATTGCTTTCAAA
 ACTCAAGGCCAGCCTTCGTGAAGGCTGACCACACAGACGAAATCCGCTTCGTTTTTGGAGGCCCTTCTCT
 GAAGGGCGACGTGGTCATGTTTGGGAAGCCACCGAGGAAGAGAAGTTGCTAAGCAGGAAGATGATGAAA
 TACTGGGTAACCTTCCAGGAGCGGGATCCTAACGGTGCCGACCTGCCTCCGTGGCCAGTCTATGATG
 AGAATGAACAGTACCTGGAAGTGGATGTGAACATCAGCACTGGGCGGAGACTGAAAGACCAGAGGGTGA
 GTTTTGGACAGACACCCTCCCCTGATCCTGTCTGCTTCAAAGCGCTGCTCAGTCCACGTTCTCCTTA
 ATCCTCCTACTACTGTGCGCTGCCTTCTCTCCGCTGCTTCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001003951
- Insert Size:** 1728 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: [NM_001003951.2](#), [NP_001003951.1](#)

RefSeq Size: 1893 bp

RefSeq ORF: 1728 bp

Locus ID: 67935

UniProt ID: [Q6AW46](#)

Cytogenetics: 8 C5

Gene Summary: Involved in the detoxification of xenobiotics and in the activation of ester and amide prodrugs.[UniProtKB/Swiss-Prot Function]