

Product datasheet for **MC202944**

Ces3b (NM_144511) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ces3b (NM_144511) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ces3b
Synonyms:	Ces3L; Ces31L; EG13909; Es31; ES31L; Gm4738
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC019147 sequence for NM_144511
 CCACGCGTCCGCCGTTATGACAAATATGAGGACAAATGATACCAGCTGGGTCCAGTGTCTAGTCTGGGTG
 ACCTGTCTGCTCCTGGCATTGTTACCACAGTCACTGGACCCAAAGTCATTACAGCTGAAGTGGATACCC
 CCCTGGGTCTGTTTCGAGGCCGGCAGGTGGGTGTGAAGGACACAGACCGCATGGTAAATGTCTTCTGGG
 CATCCCCCTTGTCAAGCACCAGTGGGACCTCTTCGGTTCTCAGTCCACTCCCACCACAGCCCTGGGAA
 GGTGTGAGAGATGCCAGCATCAATCCCCAATGTGCCTTCAGGATGTAGAGAAAATGATCAACAGCAGAT
 TTGGCCTCAATGAAAAGATTAAATCTTCCCATTCTGAGGACTGCCTGACCCTCAACATCTACAGCCC
 CACTGAGATCACTGCAGGGGACAAAAGGCCGGTCATGGTATGGATCCACGGAGGCTCTCTGCTGGTTGGC
 TCCTCCACATCTCAGGATGGATCAGCACTGGCCGCGTACGGGGATGTGGTAGTTGTCACTGTCCAGTATC
 GCCTTGGGATCTTGGCTTCTCAGCACTGGAGACAAGCACATGCCAGGCAACAGGGGATTCTGGATGT
 GGTGGCTGCTCTTCGCTGGGTCCAGGGGAACATAGCCCCCTTGGGGGTGATCCCACTGTGCACTATC
 TTCGGTAACTCTGCTGGAGGCATGATTGTCTCATCCCTGTTCTGTCTCCAATATCTGCTGGGCTTTCC
 ACAGAGCCATATCCAGAGTGGGATTGTCACGACCATTATGATGGAAGACATGAAACCATGGCCTGAAGC
 TCAGAATTTGCCAATTCTGTGGCCTGTGGCTCTGCATCCCCAGCTGAGCTGGTCCAGTGTGCTGCAG
 AAGGAAGGAAAGGACCTTATCAAGCAGAAAAACGTGAACATTTCTACATAGTCAATGACTCCTTCTTCC
 CACAAAGGCCAGAGAAGCTCCTAGCAGACCAGCAATCCCCACTGTGCCCTACCTTTTGGGAGTCACCAA
 CCATGAATTTGGCTGGCTTCTACTCAAATCCTTGAATATCCTGGATAAGTTGGAACATCTGAGCCGGGAA
 GACCTGTTGGAGATTTACGGCCCTTCTTGGCCATTATGGAAGTGCCCCCTGAGATCATGCCACTGTCA
 TCGATGAATACCTAGACAATGGCTCAGATCAATCAGCTACAAGGTATGCCTTCCAGGAATTGCTGGGTGA
 TATCTCGTTTCATCTTCTACCTTGAACCTTCTCAAAATACCTTCGAGATGCTGGGTGCCCTGTTTCTTG
 TACGAGTTCAGCATACCCAGTTCTTTTGCAAAGTTCAAGCCAGCCTGGGTGAAGGCTGACCATGCGT
 CTGAGAATTCCTTTGTTTTGGAGGTCCTTCTCACTGATGAGAGTTCCCTTCTGGCCTTCCCAGAGGC
 CACAGAGGAAGAGAAGCAGCTGAGCCTGACCATGATGGCCCAATGGAGCCAGTTTGCACGCACAGGAAAC
 CCAATGGCAAGGGGCTGCCTCCTTGGCCCAATTAAACCAAGTTAGAACAATACTTGGAGATTGGTCTAG
 AATCACGGAAGTGGGTGAAGCTAAAGAAGGTCGGCTACAGTTCTGGACAGAGACTGCCAAGAAAAAT
 TCAAGAATGGCACCAGAGCAGAGAAGCAGGAAAGTTCCAGAGGAGCTCTGAGGCCAGACCTACCTAGAC
 CTTACTGACTGGGCCAACCAAGAATAGTGGCACCAGCAGGGCAACTACAACCTCTTTTGTCTGT
 TCAGAGACTTTAGCCTGGACCACGCTGCTGTGAGCCCAGTTTCTTAAATCATCGCCCCGCAAGACCA
 GTATGGTGAACCACTAAATGTTATCAATCTGGTTTCTACTTCTTGATCATTGAACATACTGCTGTTTCTT
 CCTAAAGTGACTTGAACCTTGCTGTATGGCAAGGTCCAGCACATTAATAAAGCTCTTCAGAGGATCTGT
 TCTCTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_144511

Insert Size: 1707 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:	<ol style="list-style-type: none"> 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:	<u>BC019147</u> , <u>AAH19147</u>
RefSeq Size:	2064 bp
RefSeq ORF:	1707 bp
Locus ID:	13909
UniProt ID:	<u>Q8VCU1</u>
Cytogenetics:	8 D3
Gene Summary:	<p>Involved in the detoxification of xenobiotics and in the activation of ester and amide prodrugs.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). CCDS Note: The coding region has been updated to start at an alternate in-frame start codon which appears to be rodent-specific, and results in a protein that is 3 aa longer at the N-terminal.</p>