

Product datasheet for **MC205157**

Ecel1 (NM_021306) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ecel1 (NM_021306) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ecel1
Synonyms:	DINE; xce
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC057569
 CGACCAACAAGGGTCTGCAGCCAAAGCCTCGGCACAATGGAGGCCCGTATTCCATGACAGCGCACTA
 CGACGAGTTCCAGGAAGTCAAGTATGTGAGCCGGTGTGGCACCAGGGGGCGCTCGAGGGACCTCACTGCCT
 CCAGGCTTCCCGAGGGGCTCAGGGCGCAGTGTAGCGGGTCCAGGTCTGGGCTGCCCCGCTGGAATCGAC
 GCGAGGTGTGCCTGCTGTGCGGGTTGGTGTTCCTGCGCGCCTCTGCGCCATCCTGGCGGCCATGCTGGC
 GCTCAAATACCTGGGCCCGGAGCGGGCGGGTGGCGGAGCCTGTCCCGAGGGCTGCCCGAGCGCAAG
 CCTTTGCACGCGCCCGCTTTCTGTCTGCCAACCTGGACGCCAGCATCGACCCGTGCCAGGACTTCT
 ACTCGTTCGCGTGCAGAGGCTGGCTGCGGCGCCACGCTATCCCCGACGACAAGCTACCTACGGCACGAT
 CGCGGCCATCGGAGAGCAGAACGAGGAGCGTCTCGGCGCCTGCTGGCGAGACCCACGGAGCCCCGGC
 GGCGTGCAGCGCAAGGTGCGCGCCTTCTCCGCTCGTGCCTCGACATGCGCGAGATCGAGAGGCTCG
 GGCCGCGGCCATGCTCGAGGTATCGAGGACTGCGGCGGCTGGGACCTGGGCGGCGCGCCGATCGCCC
 CGGGGCGGCTCGTGGGACTCAACCGACTGCTGTACAAGGCACAGGGTGTACAGCGCGGCCGCGCTC
 TTCTCGTTACAGTCAGCCTGGACGACAGGAACCTCTCGCCTACGTATCCGATTGACCAGGATGGGC
 TACCCTGCCAGAGAGAACCCTGTACCTAGCTCAAGACGAGGAGAGTGAAGATCTTGGTGCATACAG
 GGTGTTATGCAGCGTCTACTCAGACTACTGGGAGCGGACGCTGTGGAGCAGAAGCGCAGGAAATCCTT
 CAGCTGGAACAGAGGCTGGCCAATATCTGTGTGAGAATATGATGATCTCCGTCGTGATGTCAGCTCCG
 CGTACAACAAGTGACTCTGGGGCAGCTGCAGAAGATCATCCCCATTTGCAAGTGAAGTGGCTGTGGA
 TCAGATCTTCCAGGAAGACTTCTCGGAGGAGGAGGAGTGGTGTCTGGCCACAGACTACATGCAGCAG
 GTGTCCAGCTCATCCGCTCCACACCTCGAAGGATCCTGCACAACCTACCTAGTGTGGCGTGTGGTGGTGG
 TTCTGAGTGAGCACCTGTCTCACCATTCCGAGAGGCACTGCATGAGCTGGCCAAAGAGATGGAGGGCAA
 TGACAAGCCCCAGGAGTTGGCCGAGTCTGCTGGGCCAGGCCAACCGCACTTCGGCATGGCTCTTGGT
 GCCCTCTTTGTACATGAACACTTCTCAGCTGCCAGTAAAGCCAAGGTGCAGCAGCTAGTGAAGATATCA
 AGTACATCTTGGCCAGCGCCTGGAGGAGCTGGACTGGATGGATGCCAGACCAAGGCAAGCTGCTCGGGC
 CAAGCTCCAGTACATGATGGTCAATGGTTGGCTATCCAGACTTCCGTCGAAACCTGAGGCTGTAGACAAA
 GAATATGAGTTCGAGGTCCACGAGAAGACCTACTTCAAGAACATTTTGAACAGCATCCGATTTCAGTATCC
 AGTTGTCCGTCAAAAAGATTTCGACAGGAGGTGGACAAATCCTCGTGGCTCCTCCCACCACAGGCGCTCAA
 TGCCTACTATCTGCCAACAAGAATCAAATGGTCTTCCAGCTGGCATCCTGCAGCCCACCCTGTATGAC
 CCAGACTTCCACAGTCTCTGAACTACGGGGTATTGGCACCATCATTGGGCACGAACTGACCCATGGCT
 ATGACGACTGGGGGGACAGTATGACCGCTCAGGAAACCTGTTGCACTGGTGGACTGAGACCTCCTACAG
 CCATTTCTGCGCAAGGCCGAGTGCATCGTTCGCCTCTATGACAACCTCACCGTCTACAACCAGCGCGTG
 AATGGGAAACACACACTTGGCGAGAACATCGCAGACATGGGAGGCTCAAGCTGGCTACTATGCCTATC
 AGAAGTGGTCCGGGAGCATGGCCCGGAGCACCCGCTGCACCCGGCTCAAGTACACACACAACCAGCTTTT
 CTTCAATTGCCTTTGCACAGAAGTGGTGCATCAAGCGACGGTCACAGTCCATCTACCTGCAGGTGCTGACA
 GACAAGCATGCACCTGAGCACTACCGGGTCTGGGCAGCGTATCCAGTTTGAGGAATTCGGCCGGGCT
 TCCACTGTCCCAAGGACTCTCCCATGAACCCGTCCTAAGTGTCTGTGTGGTGAAGCTGGCCGCTGCTG
 CTGTCTACCTGCACGTCCTCCACTGCCCTGCACGGATCACCTCTACCAGCTGTGGGGCAACATGAGCCCCA
 TGCTTCTGCTCCGGTCTATCTTCCTTCCCAACCTTTATGTATTGTCTTCCCGCCCCGTCAGTCCTT
 CACTTAAGCGAGGGCTGGAGCAGGGTAAGGCTAGGTTCTGGGGGACTCGAGGGGGAATTATGAGGT
 CCTCACACCCGGCTCTAGGCAGCTGGACCCCTACCGGGGCTGGATAGGTCCCAGTGTGTTCTTGC
 TGATTAGTCTGGTCAATAAAGCTGCTGTACTATATATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: AscI-NotI

ACCN: NM_021306

Insert Size: 2328 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>BC057569</u> , <u>AAH57569</u>
RefSeq Size:	2728 bp
RefSeq ORF:	2328 bp
Locus ID:	13599
UniProt ID:	<u>Q9JMI0</u>
Cytogenetics:	1 C5
Gene Summary:	May contribute to the degradation of peptide hormones and be involved in the inactivation of neuronal peptides.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.