

Product datasheet for **MC228914**

Ecel1 (NM_001277925) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ecel1 (NM_001277925) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ecel1
Synonyms:	DINE; xce
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228914 representing NM_001277925
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGGCCCGTATTCCATGACAGCGCACTACGACGAGTTCAGGAAGTCAAGTATGTGAGCCGGTGTG
 GCACCGGGGGCGCTCGAGGGACCTCACTGCCTCCAGGCTTCCCGAGGGGCTCAGGGCGCAGTGCTAGCGG
 GTCCAGGTCTGGGCTGCCCGCTGGAATCGACGCGAGGTGTGCCTGCTGTGCGGGTTGGTGTTCGTCGCC
 GGCTCTGCGCCATCCTGGCGGCCATGCTGGCGCTCAAATACCTGGGCCCGGGAGCGGGCGGTGGCG
 GAGCCTGTCCCGAGGGCTGCCCGAGCGCAAGGCCTTTCACGCGCCGCCCGCTTCTGTCTGCCAACCT
 GGACGCCAGCATCGACCCGTGCCAGGACTTCTACTCGTTCGCGTGCAGGAGCTGGCTGCGGCCACGCT
 ATCCCGACGACAAGCTCACCTACGGCACGATCGCGGCCATCGGAGAGCAGAACGAGGAGCGTCTGCGGC
 GCCTGCTGGCGAGACCCACCGAGGCCCGGGCGCGCTGCGCAGCGCAAGGTGCGCGCTTCTCCGCTC
 GTCCCTCGACATCGCGGAGATCGAGAGGCTCGGGCCGCGCCCATGCTCGAGGTCATCGAGGACTGCGGC
 GGCTGGGACCTGGGCGGGCGCGCCGATCGCCCCGGGGCGGCTCGCTGGGACCTCAACCGACTGCTGTACA
 AGGCACAGGGTGTGTACAGCGCGGCCGCTCTTCTCGCTTACAGTCAGCCTGGACGACAGGAACCTCCTC
 GCGCTACGTATCCGATTGACCAGGATGGGCTCACCTGCCAGAGAGAACCTGTACTAGCTCAAGAC
 GAGGAGAGTGAGAAGATCTTGGCTGCATACAGGGTGTTCATGCAGCGTCTACTCAGACTACTGGGAGCGG
 ACGCTGTGGAGCAGAAGGCGCAGGAAATCCTTCAGCTGGAACAGAGGCTGGCCAAATCTCTGTGTGAGA
 ATATGATGATCTCCGTGATGTCAGCTCCGCGTACAACAAAGTACTCTGGGGCAGCTGCAGAAGATC
 ATCCCCATTTGCAAGTGAAGTGGCTGCTGGATCAGATCTCCAGGAAGACTTCTCGAGGAGGAGGAGG
 TGGTCTGCTGGCCACAGACTACATGCAGCAGGTGCCAGCTCATCCGCTCCACACCTCGAAGGATCCT
 GCACAACCTACCTAGTGTGGCGTGTGGTGGTCTGAGTGAGCACCTGCCTCACCATCCGAGAGGCA
 CTGCATGAGCTGGCCAAAGAGATGGAGGCAATGACAAGCCCCAGGAGTTGGCCCCGAGTCTGCCTGGGCC
 AGGCCAACCGCCACTTCGGCATGGCTCTTGGTGCCTCTTTGTACATGAACACTTCTCAGCTGCCAGTAA
 AGCCAAGGTGCAGCAGCTAGTGAAGATATCAAGTACATCTTGGGCCAGCGCCTGGAGGAGCTGGACTGG
 ATGGATGCCAGACCAAGGCAGCTGCTCGGGCCAAAGCTCCAGTACATGATGGTATGGTTGGCTATCCAG
 ACTTCTGCTGAAACCTGAGGCTGTAGACAAAGAATATGAGTTCGAGGTCCACGAGAAGACCTACTTCAA
 GAACATTTTGAACAGCATCCGATTCAGTATCCAGTTGTCGTCGCAAAAAGATTTCGACAGGAGTGGACAAA
 TCCTCGTGGCTCCTCCCACCACAGGCGCTCAATGCCTACTATCTGCCCAACAAGAATCAAATGGTCTTCC
 CAGCTGGCATCCTGCAGCCACCCTGTATGACCCAGACTTCCACAGTCTCTGAACTACGGGGGATTGG
 CACCATCATTGGGCACGAACTGACCCATGGCTATGACGACTGGGGGGGACAGTATGACCGCTCAGGAAAC
 CTGTTGCACTGGTGGACTGAGACCTCTACAGCCACTTTCTGCGCAAGGCCGAGTGCATCGTTCCGCTCT
 ATGACAACTTCACCGTCTACAACCAGCGGTGAATGGGAAACACACACTTGGCGAGAACATCGCAGACAT
 GGGAGGCCTCAAGCTGGCCTACTATGCCTATCAGAAGTGGGTCCGGGAGCATGGCCCCGAGCACCCGCTG
 CACCGGCTCAAGTACACACACAACCAGCTTTTCTTCATTGCCTTTCACAGAACTGGTGCATCAAGCGAC
 GGTACAGTCCATCTACCTGCAGGTGCTGACAGACAAGCATGCACCTGAGCACTACCGGGTCTGGGCAG
 CGTATCCAGTTTGAGGAATTCGGCCGGGCTTCCACTGTCCCAAGGACTCTCCCATGAACCCCGTCCAT
 AAGTGCTCTGTGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001277925
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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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>NM_001277925.1, NP_001264854.1</u>
RefSeq Size:	2906 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 (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.