

Product datasheet for **RN200720**

Ecel1 (NM_021776) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ecel1 (NM_021776) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ecel1
Synonyms:	Dine
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200720 representing NM_021776
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGCCCGTATTCCATGACAGCGCACTATGATGAGTTCAGGAAGTCAAGTACGAGAGCCGGTGTG
 GCACCGGGGGCGCCGAGGGACCTCCCTACCTCCAGGCTTCCCGAGGAGCTCAGGGCGCAGTGCTAGCGG
 GGCCCGGTCTGGGGCTACCGCGCTGGAACCGACGGGAGGTGTGCCTGTTGTCCGGGCTGGTGTTCGCCGCC
 GGCTCTGTGCCATCTTGGCAGCCATGCTGGCGCTCAAATACCTGGGCCCTGGCGCGCGGGCACTGGCG
 GAGCCTGTCCCGAGGGCTGCCCGAGCGCAAGGCCTTCGCGCGCGCCGCCGCTTCTGTCTGCCAACCT
 GGACGCCAGCATCGACCCGTGCCAGGACTTCTACTCGTTCGCGTGCAGGGGCTGGCTGCGCGCCACGCC
 ATCCCGACGACAAGCTCACCTATGGCACGATCGCGGCCATCGGAGAGCAGAACGAGGAGCGCTGCGGC
 GCCTGTGGCGAGACCCACGGGAGGCCCGGGCGCGCTGCGCAGCGCAAGGTGCGCGCTTCTCCGCTC
 GTGTCTCGACATGCGTGAGATCGAGAGGCTCGGGCCGCGCCCATGCTGGAGGTCATCGAGGACTGCGGC
 GGCTGGGACCTAGGCGCGCGGCCGATCGCCCGGGGGCGGCTCGCTGGGACCTCAACCGACTGTTGTACA
 AGGCACAGGGTGTGTACAGCGCGGCCGCGCTTCTCGCTTACAGTCAGCCTGGACGACAGGAACCTCCTC
 GCGCTACGTATCCGTATTGACCAGGACGGGCTCACCTGCCAGAGAGAACCTGTACCTAGCTCAAGAT
 GAGGGGAGTGAGAAGGCTCTGGCCGCATACAAGGTGTTTCATGGAGCGCCTACTCAGACTACTGGGTGCAG
 ACGCTGTGGAACAGAAGGCTCAGGAAATCCTTCAACTGGAGCAGAGGCTAGTAATATCTCTGTGTGAGA
 ATATGATGATCTCCGTCGAGATGTCAGTCCGTGTACAACAAAGTGACTCTGGGGCAGCTGCAGAAGATC
 ACCCCCATTTGCAAGTGGAAATGGCTGCTGGACCAGATCTCCAGGAGGACTTCTCTGAAGAGGAGGAGG
 TGGTCTGCTGGCCACAGACTACATGCAGCAGGTGTCCAGTCCATCCGATCCACACCCCGAAGGATCCT
 TCACAACCTACCTAGTGTGGCGTGTGGTGGTGGTTCTGAGTGAGCACCTGTCCCACCATTCGAGAGGCA
 CTGCATGAGCTGGCCAAAGAGATGGAGGCAATGACAAACCCAGGAGTTGGCCCGAGTCTGCCTGGGCC
 AGGCCAACCGCCACTTCGGCATGGCTCTTGGTGCCTCTTTGTACACGAACACTTCTCAGCTGCCAGTAA
 AGCCAAGGTACAGCAGCTGGTGGAAAGATATCAAGTACATCTTAGGCCAGCGCCTGGAGGAGCTGGACTGG
 ATGGACGCCAGACCAAGGCAGCTGCTCGGGCTAAGCTCCAGTACATGATGGTATGGTTGGCTATCCAG
 ACTTCTGCTGAAACCTGAGGCTGTAGACAAAGAGTATGAGTTTGAGGTCCACGAGAAGACCTACCTCAA
 GAACATTTTGAACAGCATCCGATTACAGTCCAGTTGTCTGTCAAGAAGATCCGACAGGAGGTGGACAAA
 TCCACGTGGCTGCTCCCTCCGACAGGCGTCAATGCCTACTATCTGCCAACAAAGAACCAATGGTATTCC
 CAGCTGGCATCTTGCAGCCACCCTGTATGACCCAGACTTCCCGAGTCTTTGAACTACGGGGGCATCGG
 TACCATCATTGGGCATGAACTGACCCACGGCTATGATGACTGGGGAGGACAGTATGACCGCTCAGGAAAC
 CTGCTGCACTGGTGGACTGAGGCCTCTACAGCCGCTTTCTGCACAAGGCCGAGTGCATTGTTCCGCTCT
 ATGACAACTTACCGTCTACAACCAGCGGGTGAATGGGAAACACACACTTGGCGAGAACATCGCAGACAT
 GGGAGGCCTCAAGCTGGCCTACTATGCCTATCAGAAGTGGGTCCGGGAGCATGGCCAGAACACCCGCTG
 CACCGGCTCAAGTACACCACAACAGCTTTTCTTTCATTGCCTTTGCCAGAACTGGTGCATCAAGCGAC
 GGTACAGTCCATCTACCTGCAGGTGCTGACAGACAAACACGCACCTGAGCACTACCGGGTCTGGGTAG
 CGTGTCCAGTTTGAGGAATTCGGCCGGGCTTCCACTGTCCCAAGGACTCTCCCATGAACCTGTCCAT
 AAATGCTCTGTGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_021776
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:	NM_021776.1 , NP_068544.1
RefSeq Size:	7798 bp
RefSeq ORF:	2328 bp
Locus ID:	60417
UniProt ID:	Q9JHL3
Cytogenetics:	9q35
Gene Summary:	damage-induced neuronal metallo-endopeptidase; involved in neuroprotection [RGD, Feb 2006]