

Product datasheet for **MC216740**

Accs (NM_183220) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Accs (NM_183220) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Accs
Synonyms:	2610203E10Rik; Phacs
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216740 representing NM_183220
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACAGTGGCTATGGTATGGCTGCAAGGAGAATGCCTCAGAAAACCAGACCAGACGCGACGCCAAAC
 TCTATGGAGTAGGTGACCCACGGCCACGTTCTCCTCTGACAGCTCCTGCCTGCCTCCAGAGGAAGAGT
 CATCAAATGGTTCTGGGACTCGGCTGAGGAGGGCTACAGGACCTACCACATGGATGAGTATGACGAGGAC
 AAGAACCAGTGGCATCATTAACCTGGGCACCAGTGAACAACAACTCTGCTTTGACCTTCTGCCTGGC
 GGCTGACACAGGGTACATGCTTCATGTGGAACCATCTCTGCTGCAGTACCCTGACTGGAGAGGACATTT
 GTTCTCCGGAAGAAGTGGCAAAGTCTTGTCTTTCTATTGTAAGAGCCCGGCACCCCTGAAACCAGAG
 AATGTGGTTGTTGAATGGCTGTGCCTCTCTTTCCGCTCTGGCCACAGTGTGTGTGAGGCAGGGG
 AGGCTCTCTTGATCCCCACCTTACTACGGAGCCATCACTCAGCACATCTATCTATGGCAACGTCCG
 ACTGGCTTATGTCTACCTAGACAGCAAGTAACCTGGATTGAATACACGCCCTTCCAGCTCACCGTAGAG
 AAGCTGGAGATGGTCTGCAAGGAGTCAAGTTCGAGGGTCAAGGTCAAAGGCCTATCCTCATCAACC
 CCCAAAACCTCTGGGTGACGTCTACTCCCGGAAGAGCTGCAGGACTTTCTGAGATTTGCCATGAGGCA
 CAAGCTGCACGTGATCATGGATGAGTTTACATGCTCTCTGTGTTGAAGAGTCCCTTGGCTACCGCAGT
 GTCCTCAGCCTGGAGAGGCTGCCTGACCCACAGGACACACGTGATGTGGGCCACCAGCAAGGACTTTG
 GGATGTCGGGGCTACGCTTCGGTGTACTGTACACGGAGAACCAGCACGTGGCTACTGCTGTGGCCTCCCT
 CTGCCGCTATCATGGCCTCAGTGGCCTGGTCCAACACCAGATGGCACAGTGTCCGGGACCATGACTGG
 ATCAGCCAGGTGTACCTGCCAGAAAACCATGCCCGGCTCAAGGCTGCCACACCTATGTCTCAGAGGAAC
 TCAGAGCCCTGGGGATCCCTTTGTGAGTCGCGGGGACGGCTTCTCATCTGGGTTGAGAAAGTA
 TCTGTGCAAAGGCACCTTTGAGGAGGAGCGTTATTGTGGCGCCAATTTTGGACAACAAGGTGCTGCTG
 TCCTCCGGTAAGACCTTTGAGTGCAAAGAACCAGGCTGGTTCCGCGTGGTCTTCTCGACAGGAGAAC
 GGCTTCGCTGGGAATGCAAAGGATGCGGCAGGTGCTTGAAGGACAATCTCAAGTGGTAGAAGATGCCTC
 TCCTGTCACGCTCAGGAACCACAAAGCCAGCCAGATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_183220
- Insert Size:** 1440 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_183220.3](#), [NP_899043.1](#)

RefSeq Size: 4007 bp

RefSeq ORF: 1440 bp

Locus ID: 329470

UniProt ID: [A2AIG8](#)

Cytogenetics: 2 E1

Gene Summary: Does not catalyze the synthesis of 1-aminocyclopropane-1-carboxylate but is capable of catalyzing the deamination of L-vinylglycine.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (b) is shorter at the N-terminus, compared to isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.