

Product datasheet for **MC228061**

Accs (NM_001290782) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Accs (NM_001290782) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Accs
Synonyms:	2610203E10Rik; Phacs
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228061 representing NM_001290782
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTCTGTCTTCTCAGCAGGAATCCACGGCACCTACTACCTGCACAGGCTCAGCTCCACTCAGGACA
 TGGACAGTGGCTATGGTATGGCTGCAAGGAGAATGCCTCAGAAAACCAGACCAGACGCAGCCAAACT
 CTATGGAGTAGGTGACCCACGGCCACGTTCTCCTCTGACAGCTCCTGCCTGTCTCCAGAGGAAGAGTC
 ATCAAATGGTTCTGGGACTCGGCTGAGGAGGGCTACAGGACCTACCACATGGATGAGTATGACGAGGACA
 AGAACCCAGTGGCATCATTAACCTGGGCACCAGTGAAAACAACTCTGCTTTGACCTTCTGTCTGGCG
 GCTGACACAGGGTACATGCTTCATGTGAACCATCTCTGCTGCAGTACCCTGACTGGAGAGGACATTTG
 TTCCTCCGGGAAGAAGTGGCAAAGTTCTTGCTTTCTATTGTAAGAGCCCGCACCCCTGAAACCAGAGA
 ATGTGGTTGTTCTGAATGGCTGTGCTCTCTCTTTCCGCTCTGGCCACAGTGTGTGTGAGGCAGGGGA
 GGCTCTTTGATCCCCACACCTTACTACGGAGCCATCACTCAGCACATCTATCTCTATGGCAACGTCGGA
 CTGGCTTATGTCTACCTAGACAGCAAGGTAAGTGGATTGAATACAGCCCTTCCAGCTCACCGTAGAGA
 AGCTGGAGATGGTCTGCAAGGAGTCAAGTCTGAGGGTGTCAAGGTCAAAGGCCCTTATCCTCATCAACCC
 CAAAAACCTCTGGGTGACGTCTACTCCCGGAAGAGCTGCAGGACTTTCTGAGATTTGCCATGAGGCAC
 AAGCTGCACGTGATCATGGATGAGGTTTACATGCTCTCTGTGTTGAAGAGTCCCTTGGCTACCGCAGTG
 TCCTCAGCCTGGAGAGGCTGCCTGACCCCCAGAGGACACACGTGATGTGGGCCACCAGCAAGGACTTTGG
 GATGTCGGGGCTACGCTTCGGTGTACTGTACACGGAGAACCAGCACGTGGCTACTGCTGTGGCCTCCCTC
 TGCCGCTATCATGGCCTCAGTGGCCTGGTCCAACACCAGATGGCACAGTGTCTCCGGGACCATGACTGGA
 TCAGCCAGGTGTACCTGCCAGAAAACCATGCCCGGCTCAAGGCTGCCACACCTATGCTCAGAGGAACT
 CAGAGCCCTGGGGATCCCTTTGTGAGTCGCGGGCAGGCTTCTTCATCTGGGTTGACTTGAGAAAAGTAT
 CTGTGCAAAGGCACCTTTGAGGAGGAGCGTTATTGTGGCGCAAATTTTGGACAACAAGGTGCTGCTGT
 CCTCCGGTAAGACCTTTGAGTGCAAAGAACCAGGCTGGTCCGCGTGGTCTTCTCGGACAAGGAGAACC
 GCTTCGCCTGGGAATGCAAAGGATGCGGCAGGTGCTTGAAGGACAATCTCAAGTGGTAGAAGATGCCTCT
 CCCTGTACAGCTCAGGAACCACAAAGCCAGCCAGATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001290782
- Insert Size:** 1509 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:

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_001290782.1](#), [NP_001277711.1](#)

RefSeq Size: 3952 bp

RefSeq ORF: 1509 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 (1) encodes the longer 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.