

Product datasheet for MC211334

Acbd6 (NM_001145781) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acbd6 (NM_001145781) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Acbd6
Synonyms:	0610010G04Rik; 2610100E10Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211334 representing NM_001145781 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCACACCGTTCCTACCTCGGGGCCACCACAGGCGACAGCGGTGGGGAAGTCTCCGGGGACG
ACTCTGGTGATATGGAATCCTTCCAGACCCCGAGGCCGAGGGGACCCGGAGTTTGGCCGAGCTGTTTGA
GAAGGCTGCCGCACACGTCCAAGCCTGGTTCAGGTAGCCAGCCGGGAGCAGCTCCTGTACCTGTATGCC
AGTTCAAGCAGGTCAAAGTTGAAATGCAACTCCTAAACCAATTTCTTTGATTTGAAGGAAAGC
AAAAATGGGAGGCATGGAAAGCCCTCGGTACTCAAGCCCTAGCCAAGCAATGCAGGAATATATCGCGGC
AGTAAAAAACTAGATCCAGGATGGAATCCTCAGCTGTCGAGAAACCAACTGCTAGAATCGAAGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001145781
Insert Size:	420 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).



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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001145781.1 , NP_001139253.1
RefSeq Size:	1257 bp
RefSeq ORF:	420 bp
Locus ID:	72482
UniProt ID:	Q9D061
Cytogenetics:	1 G3
Gene Summary:	<p>Binds long-chain acyl-coenzyme A molecules with a strong preference for unsaturated C18:1-CoA, lower affinity for unsaturated C20:4-CoA, and very weak affinity for saturated C16:0-CoA. Does not bind fatty acids (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 3' UTR and coding sequence compared to variant 1. The resulting isoform (2) has a shorter and distinct C-terminus compared to isoform 1.</p>