

Product datasheet for **RN209110**

Acbd4 (NM_001012013) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Acbd4 (NM_001012013) Rat Untagged Clone
Tag: Tag Free
Symbol: Acbd4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209110 representing NM_001012013
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCACCGAGAAGGAAGACCCGACTGTCAAAAACAGTTCCAGGCAGCAGTCAGCGTCATTCAGAACC
TGCCCTAAGAATGGCTCTTACCGCCCTCCTATGAAGAGATGCTGCGATTCTACAGCTACTACAAGCAGGC
TACCGCGGGCCCTGCCGTGGTCCCCGACCTGGGTTCTGGGACCCATTGGACGTTACAAGTGGGATGCC
TGGAACAGCCTGGGAAGATGAGCAGGGAGGAAGCCATGTCGCCCTACATCACGGAGATGAAGCTGGTGG
CACAGAAGGTGATCGACACAGTGCCTGGGCGAGGTGGCAGAGGATATGTTTGGTTATTTTCGAGCCCT
GTACCAGGTGATCCCGGACATGCCGAGGCCGCCAGAACTTCTTGAGAAGGGTCACAGGTTGGCAAGAG
CCAGCGGTGAATAGAGACGTTCCAGGCTGCTCCAGAGCCTTCTCATCCCCCAAGGAGCCAGCACCTCCAA
GTCCAGAGTCCCGGCTACCAAGAGACTTGGACCTGGAGGTTTTCTGTGACTCCGTGGAGCAGCTAGAGCC
AGAGTTGGTGAGAGTGCCTGTCTTGTCCCTGTTCTGCTGAATCCGAGTTGCCCACTCCACTGGG
ACCGGGGACTCTGCTCAGAGGTTTGGGACAGCAGAAGGAAGCCGCTGGCAGAGAGCTCACCACCAGGA
GCAGCCCCGAGTCCCCGAGGGTTTGGAGGCAGCCTGATGGGCCCCAGGAGTTGGACAGATGGCTGGT
GGGACAGTCCAGGCCATGCAGGAAAGCATGAAGGACGTTACAGGAGGCTACAGATCCTGGAGAGCAAG
CCCCAGCCACTTGAGCAGCAGAGGTCGCCAGGACTCGGCCTTGGCCCTAGGGCTCTCGACTCCCACGC
TGCTCTTCTTTATCCTGTGGCCCTTCGTTGTCCAGTGGCTCTTCCGACAGTTTCGGACCCAGAGGAGGTG
A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001012013
Insert Size: 981 bp



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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:	<u>NM_001012013.1</u> , <u>NP_001012013.1</u>
RefSeq Size:	1816 bp
RefSeq ORF:	981 bp
Locus ID:	303577
UniProt ID:	<u>Q6DGF9</u>
Cytogenetics:	10q32.1
Gene Summary:	Binds medium- and long-chain acyl-CoA esters and may function as an intracellular carrier of acyl-CoA esters.[UniProtKB/Swiss-Prot Function]