

Product datasheet for **SC324969**

ACBD4 (NM_001135704) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ACBD4 (NM_001135704) Human Untagged Clone
Tag:	Tag Free
Symbol:	ACBD4
Synonyms:	HMFT0700
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001135704, the custom clone sequence may differ by one or more nucleotides ATGGGCACCGAGAAAGAAAGCCAGAGCCGACTGCCAGAAACAGTTCCAGGCTGCAGTG AGCGTCATCCAGAACCTGCCAAGAACGGTTCTTACCGCCCTCCTATGAAGAGATGCTG CGATTCTACAGTTACTACAAGCAGGCCACCATGGGGCCCTGCCTGGTCCCCCGGCCGGG TTCTGGGACCCATTGGACGATAAAGTGGGACGCCTGGAACAGTCTGGGCAAGATGAGC AGGGAGGAGGCCATGTCTGCCTACATCACTGAAATGAACTGGTGGCACAGAAGGTGATC GACACAGTGCCCTGGGTGAGGTGGCAGAGGACATGTTTGGTTACTTCGAGCCCCGTGAC CAGGTGATCCCTGACATGCCGAGGCCCCAGAGACCTTCTGAGAAGGGTCACAGTTGG AAAGAGCAGGTTGTGAATGGAGATGTTGGGGCTGTTTCAGAGCCTCCCTGCCTCCCAAG GAACCGGCACCCCAAGCCAGCTTCCCTCTGGGCAGTAACTCTACCAACCCCTCCACAG AGTCCCATTACCCAGGGACCTGGACTCCGAGGTTTTCTGTGATTCCTGGAGCAGCTGG AGCCTGAGCTGGTTTGGACAGAGCAGCGGGCAGCATCTGGAGGAAAGCGTGATCCAGGA ACAGCCCCGTGCCCCCAAAAGAAAGAGGGGTTGCGGGGCAGCCCGCCGGGGCCCCAGG AGTTGGACGTGTGGCTGCTGGGGACAGTTCGAGCACTACAGGAGAGCATGCAGGAGGTGC AGGCGAGGGTGCAGAGCCTGGAGAGCATGCCCGGCCCTGAGCAGAGGCCGAGCCCA GGCCCAGTGCTCGGCCATGGCCCTTGGGCTCCCGGGCCCGCTGCTCTTCTTCTCC TGTGGCCCTTCGTCCAGTGGCTCTTCCGAATGTTTCGGACCCAAAAGAGGTGACTGT CAGTGGAGGGTCTCTGCAGCCAACTGAGACTATCTTGCTGTGCCCTGAGCCTTCTAGG GTT
Restriction Sites:	Please inquire
ACCN:	NM_001135704
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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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001135704.1</u> , <u>NP_001129176.1</u>
RefSeq Size:	2057 bp
RefSeq ORF:	1026 bp
Locus ID:	79777
Cytogenetics:	17q21.31
Protein Families:	Transmembrane
Gene Summary:	<p>This gene encodes a member of the acyl-coenzyme A binding domain containing protein family. All family members contain the conserved acyl-Coenzyme A binding domain, which binds acyl-CoA thiol esters. They are thought to play roles in acyl-CoA dependent lipid metabolism. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2008]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Variants 1 and 3 encode the same protein (isoform 1).</p>