

Product datasheet for **SC321788**

ACBD4 (NM_024722) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ACBD4 (NM_024722) Human Untagged Clone
Tag:	Tag Free
Symbol:	ACBD4
Synonyms:	HMFT0700
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_024722.1
 GGGCAGAGAGGACCCAGGTGTCCTGGCAGTGGGCGCCGCGGGGCACACGCTGGGCCAAGG
 TGCAGGCGGCCAGGGTGGGAGACTGTTCCGCCCCGCTGAGTACTCTATCTTGTTCCTC
 CACCTGTTGCGGAGTTGGAGATGTGCACCTAAAGGAGGCGCATCTGGGGACGGACACATC
 TGGCACTGAGGCCCTCGCCACCTGCCTCGCCACCTGGCGACCCTGACCCACCACTGC
 CTTGAGAGTCGCTCAAAAGTAGGGCCCCAGGGCTCGCAGCAGCATGGGCACCGAGAAAGA
 AAGCCACAGAGCCGACTGCCAGAAACAGTCCAGGCTGCAGTGAGCGTCATCCAGAACCT
 GCCAAGAACGGTCTTACCGCCCTCCTATGAAGAGATGCTGCGATTCTACAGTTACTA
 CAAGCAGGCCACCATGGGGCCCTGCCTGGTCCCGCGCCGCGGTTCTGGGACCCATTGG
 ACGATATAAGTGGGACGCTGGAACAGTCTGGGCAAGATGAGCAGGGAGGAGGCCATGTC
 TGCCTACATCACTGAAATGAACTGGTGGCACAGAAGGTGATCGACACAGTGCCCTGGG
 TGAGGTGGCAGAGGACATGTTGGTTACTTCGAGCCCCTGTACCAGGTGATCCCTGACAT
 GCCGAGGCCCCAGAGACCTTCTGAGAAGGGTCACAGGTTGAAAGAGCAGGTTGTGAA
 TGGAGATGTTGGGGCTGTTTCAGAGCCTCCCTGCCTCCCAAGGAACCGGCACCCCAAG
 CCCAGAGTCCCATTCACCAGGGACCTGGACTCCGAGTTTTCTGTGATCCCTGGAGCA
 GCTGGAGCCTGAGCTGGTTTGGACAGAGCAGCGGGCAGCATCTGGAGGAAAGCGTGATCC
 CAGGAACAGCCCCGTGCCCCCAAAAGAAAGAGGGGTTGCGGGGCAGCCCGCGGGGCC
 CCAGGAGTTGGACGTGTGGCTGCTGGGGACAGTTTCGAGCACTACAGGAGAGCATGCAGGA
 GGTGCAGGCGAGGGTGCAGAGCCTGGAGAGCATGCCCGGCCCTGAGCAGAGGCCGCA
 GCCCAGGCCCAGTGCTCGGCCATGGCCCTTGGGCTCCCGGGGCCCGCGCTGCTCTTCTT
 CCTCTGTGGCCCTTCGTCGTCAGTGGCTCTTCCGAATGTTTCGGACCCAAAAGAGGTG
 CTAGGGTTTGAAGAACAGCATTCAAAATCCCCGTCTGTGAGTGTTCGCTTCGCACC
 TCCTCCCTAAAGCAGCGCGGGGGCAAATAAGACCCCAACCCTCCCTGCAGTTCACAG
 GGACGTTCCCTCCCGCAACCCAGGCTCCCTGGGAGGCTGCAGTTGTGGT
 ACACGTCGCCGTGCTGGGTTGGCCGTGACTCGGGGGCGGGCGATCGGGTCTCAGCCCC
 TGCCTTCCCAGTCTCTGGGTCACCCGAATTTCCACCCTGCTTCTCCCGAGGAGGT
 TGAGCTCTTGAGCAAGTTGGGACTTGGGCCGGGCTGGAAGAATGATTGGCTGGGAGGC
 CGCGGGAGGGAGGCCAGGAGGCCCGGACCAGTTGGGAGGAGTGAGCAGGCCCGGGGGAG
 GGGGATGAGCGCAGTTTCTCGCTTCCCTCCCTGCCGGCCCCCTCCGCCCCACACACA
 CTCGGGACGTCTTCAATGAAGATCACTTACAAAGGAATGTTTACTAAATAAAGAAAA
 CCCGAAA

- Restriction Sites:** Please inquire
- ACCN:** NM_024722
- 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:** 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:	NM_024722.1 , NP_078998.1
RefSeq Size:	1979 bp
RefSeq ORF:	918 bp
Locus ID:	79777
UniProt ID:	Q8NC06
Cytogenetics:	17q21.31
Domains:	ACBP
Protein Families:	Transmembrane
Gene Summary:	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]