

Product datasheet for **RC206332**

ACBD7 (NM_001039844) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ACBD7 (NM_001039844) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: ACBD7
Synonyms: bA455B2.2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC206332 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCCCTGCAGGCTGATTTTGACAGGGCTGCAGAAGATGTGAGGAAGCTGAAAGCAAGACCAGATGATG
 GAGAACTGAAAGAACTCTATGGGCTTTACAAACAAGCAATAGTTGGAGACATTAATATTGCGTGTCCAGG
 AATGCTAGATTTGAAAGGCAAAGCCAAATGGGAAGCATGGAACCTCAAAAAAGGGTTGTCGACGGAAGAT
 GCGACGAGTGCCTATATTCTAAAGCAAAGGAGCTGATAGAAAAATACGGAATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC206332 protein sequence
 Red=Cloning site Green=Tags(s)
 MALQADFDRRAEDVRKLKARPDDGELKELYGLYKQAIIVGDINIACPGMLDLKGKAKWEAWNLLKGLSTED
 ATSAYISKAKELIEKYGI

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6322_d03.zip

Restriction Sites: SgfI-MluI



[View online »](#)

Cloning Scheme:


ACCN: NM_001039844

ORF Size: 264 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

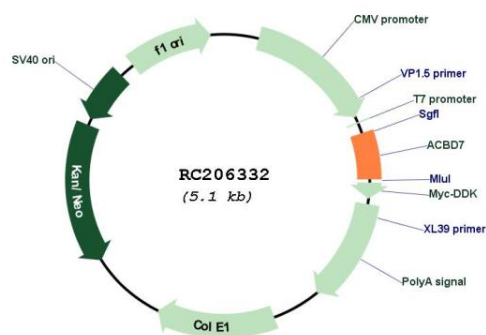
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001039844.3](#)

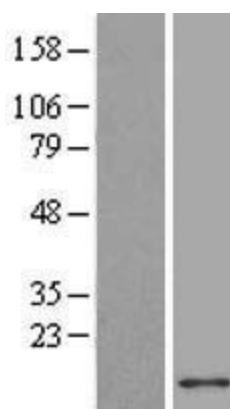
RefSeq Size: 3383 bp

RefSeq ORF:	267 bp
Locus ID:	414149
UniProt ID:	Q8N6N7
Cytogenetics:	10p13
MW:	9.8 kDa
Gene Summary:	Binds medium- and long-chain acyl-CoA esters.[UniProtKB/Swiss-Prot Function]

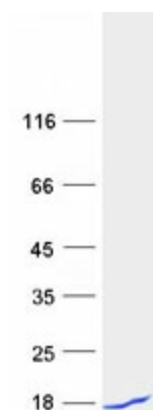
Product images:



Circular map for RC206332



Western blot validation of overexpression lysate (Cat# [LY421837]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC206332 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified ACBD7 protein (Cat# [TP306332]). The protein was produced from HEK293T cells transfected with ACBD7 cDNA clone (Cat# RC206332) using MegaTran 2.0 (Cat# [TT210002]).