

Product datasheet for **RG237626**

ACBD5 (NM_001301254) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | ACBD5 (NM_001301254) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | ACBD5 |
| Synonyms: | RDLKD |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >RG237626 representing NM_001301254. Blue=ORF Red=Cloning site Green=Tag(s) |

```
GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCCGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGACCAAAGAGGAAGCCATGATTGCATATGTTGAAGAAATGAAAAAGATTATTGAACTATGCCAATG
ACTGAGAAAGTTGAAGAATTGCTGCGTGTATAGGTCCATTTTATGAAATTGTCGAGGACAAAAAGAGT
GGCAGGAGTTCTGATATAACCTCAGATCTTGTAATGTTCTCACTTCTACTCCAAACGCCAAAACCGTT
AATGGTAAAGCTGAAAGCAGTGACAGTGGAGCCGAGTCTGAGGAAGAAGAGGCCCAAGAAGAAGTGAAA
GGAGCAGAACAAGTGATAATGATATAAATGATGATCATGTTGAAGATGTTACAGGAATTCAGCATTG
ACAAGCGATTGACAGTGAAGTTTACTGTGATTCTATGGAACAATTTGGACAAGAAGAGTCTTTAGAC
AGCTTTACGTCCAACAATGGACCATTTTCAGTATTACTTGGGTGGTCATTCCAGTCAACCCATGGAAAAT
TCTGGATTTCTGTAAGATATTCAAGTACCTCCTGGAAATGGCAACATTGGGAATATGCAGGTGGTTGCA
GTTGAAGGAAAAGGTGAAGTCAAGCATGGAGGAGAAGATGGCAGGAATAACAGCGGAGCACCACACCCGG
GAGAAGCGAGGCGGAGAACTGACGAATTTCTCTAATGTTAGAAGAGGAAGAGGACATAGGATGCAACAC
TTGAGCGAAGGAACCAAGGGCCGGCAGGTGGGAAGTGGAGGTGATGGGGAGCGCTGGGGCTCCGACAGA
GGGTCCGAGGCAGCCTCAATGAGCAGATCGCCCTCGTCTGATGAGACTGCAGGAGGACATGCAGAAAT
GTCCTTCAGAGACTGCAGAACTGGAAACGCTGACTGCTTTCAGGCAAAATCATCAACATCAACATTG
CAGACTGCTCCTCAGCCACCTCACAGAGACCATCTTGGTGGCCCTTCGAGATGTCTCCTGGTGTGCTA
ACGTTTGCCATCATATGGCCTTTTATTGCACAGTGGTTGGTGTATTTATACTATCAAAGAAGGAGAAGA
AAACTGAAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



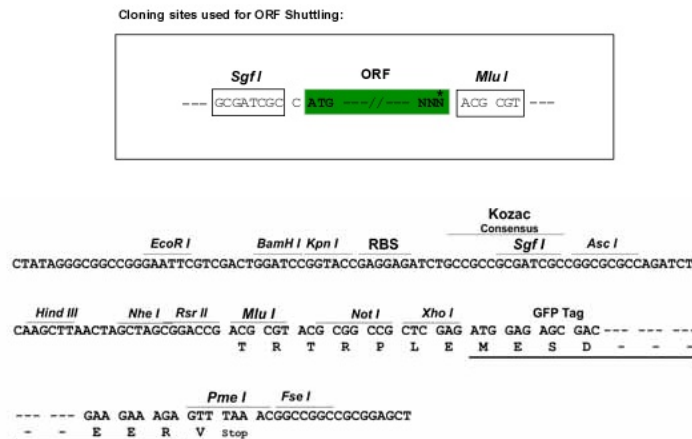
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG237626
 Blue=ORF Red=Cloning site Green=Tag(s)

MTKEEAMIAYVEEMKKIIETMPMTEKVEELLRVIGPFYEIVEDKKSGRSSDITSDLGNVLTSTPNAKTV
 NGKAESSDSGAESEEEEAQEEVKGAEQSDNDINDDHVEDVTGIQHLTSDSDSEVYCDMEQFGQEEESLD
 SFTSNNGPFQYYLGGHSSQPMENSGFREDIQVPPGNIGNMNVVAVEGKGEVKHGGEDGRNNSGAPHR
 EKRGGETDEF SNVRRRGRGHRMQHLSEGTKGRQVSGGGDERWGS DRGSRGSLNEQIALVLMRLQEDMQN
 VLQRLQKLETLTALQAKSSTLTLQATPQPTSQRPSWPFEMSPGVLTFAIWPFIAQWLVYLYQRRRR
 KLN
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001301254

ORF Size: 1044 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).

RefSeq: [NM_001301254.2](#)

RefSeq Size: 3860 bp

RefSeq ORF: 1047 bp

Locus ID: 91452

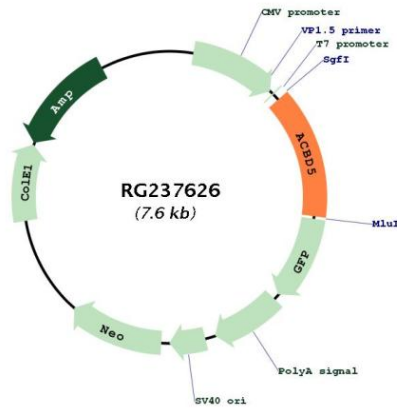
Cytogenetics: 10p12.1

Protein Families: Transmembrane

MW: 39.2 kDa

Gene Summary: This gene encodes a member of the acyl-Coenzyme A binding protein family, known to function in the transport and distribution of long chain acyl-Coenzyme A in cells. This gene may play a role in the differentiation of megakaryocytes and formation of platelets. A related protein in yeast is involved in autophagy of peroxisomes. A mutation in this gene has been associated with autosomal dominant thrombocytopenia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]

Product images:



Circular map for RG237626