

Product datasheet for **MC202515**

Acbd3 (NM_133225) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acbd3 (NM_133225) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Acbd3
Synonyms:	60kDa; 8430407O11Rik; D1Erttd10e; GCP60; Gocap1; GOLPH1; Pap7
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>BC060602 sequence for NM_133225
 CGCTGCGAGCGGAGATGGCGCGCAGCTGAACGTAGAGCAGCTCGAGGTGTCGCTCGACGGTCTCACGCT
 GAGCCCGACTCGGAGGAGAGGCCCGGCGCGGAGGGGGCCCCGCCGACAGCGCCGCGTCTCGGCCCGG
 GGAATGGACTGGGCTCCGGCGCCTCGGGCAGCAGCGGGAGCCCGGGAGGCGGCGGCTGAGGGCGCGG
 CCGAGGAGGCGCGCGGATGGAGCAGCACTGGGCTTTGGCTGGAGGAGCTTACGGCTGGCGCTGCG
 CTTCTACAAAATAAAGATGGCAAAGCCTTTCATCCAATTATGAAGAAAACTGAAGTTCGTGGCACTG
 CATAAGCAAGTTCTTTGGCCCATATAACCCAGACACGTCCTGAGGTTGGATTCTTTGATGTTGG
 GGAATGATAGGAGGAGAGAATGGCAGCTCTGGGAAACATGTCCAAGGAGGATGCCATGGTAGAGTTTGT
 GAAGCTTCTAAATAAGTGTGTCTCTCTCGGCATATGTTGCGTCCACAGAATAGAGAAGGAAGAA
 GAAGAGAAAAGAAGAAAGGCGGAGGAGGAGCGAAGGCAGCGTGAAGAGGAAGAACGAGAGCGGCTGCAAA
 AGGAAGAAGAGAAGCGAAGCGAGAGGAGGAAGACCGGCTGAGACGGGAGGAGGAAGAGAGGCGCGGAT
 AGAGGAAGAGAGGCTTCGGCTGGAACAGCAAAAGCAGCAGATAATGGCAGCTTAAACTCGCAGACTGCC
 GTGCAATTCAGCAGTATGCAGCCAGCAGTATCCAGGAACTACGAACAACAGCAGATTCTCATCCGCC
 AGCTGCAGGAGCAGCACTATCAGCAGTATATGCAGCAGTATATCAAGTCCAGCTTGACAAACAACAGGC
 AGCATTACAGAAACAGCAAGAAGTGTGATGGCTGGGCACTATTGCCTGCATCATCAAAGTGAACACA
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 ATCCATGTGGACAAGACCACAAATCAAAGACTTTAAAGAGAAGATTGCGCAGGATGCAGATTCTGTGATT
 ACAGTACGTGAGGAGAAGTCTGACCCGCGAGTCCCGACTCATGAGGAAGGATCATACCTATTTTGGG
 AATTTGCCACAGACAGTTATGACATTGGGTTTGGGTTTATTTTGAATGGACAGACTCTCCAAATGCTGC
 TGTCAGTGTGCATGTCAAGTCCAGTACGAGGAGGAGGAGGAGGAAGAAAATGTCACCTGTGAAGAA
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 CTCTGTGGAGGTCCAAGTCCGTCTACTACAGAGTCTATTATACTAGATAGAGCTGCTGTTCCAGGGTC
 GGGAGTCTAGGGTTGAGCACAACATGACGTTTAAATTCCTTTGACTTTTGTGGCGCATAGGAGTCCGTGT
 TTATCTTCTCGATTTTGTCTGAGGGTTTATGAACTCATTGAGAACCAGGATTCCTTGAGACTCTTAGC
 ATTAGTGTCTGAGGTTAAAAGCAGTTCGGAAGACTCATCTAGCCCTTGGGTGCTGACCAGCAGAGCTGC
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 CTGACCTGGCTGGAGGGCGCATTGCTGTCTGTGCCTGTGTTGTGCACAGCCACAGTTAGTAACTGGGAA
 GCTTCTGTACTAGTCTCCTTCAACGCAGCTGGCTTTGACTGAGTCTTTGACAGTTTGAGACTTCACCAA
 GTATAGTAGAAAAACAAATGGCCTCAACTTGATCTTACCTGAGTAACCAAGGCTGCTTTTGTCTTTGGTA
 CAGCTATTTAGTTAGTTGTGTTACAAAGAATTATTTCTGAGAGAATCTTAAACTTAGAATATTCAGATG
 CAGTAGATACTGGCGTGTGGAGATTCACAGACGACCTCAGCACCCATCCCACCAGTCCCTGGACTCACG
 GCCTTTCCTTCATTTGCCATTACATTGCTGCTCACAACAGAACTCGGTGACTTTGTTTTGATATAGT
 TTTGTGGACCATCTCAAAATTAAGTATTTTCTGTAAGAAATCTATAGCCAGGAGTTTTATAAACTCACC
 TGGCACCTACTGAGCTAAAATATGCAAAATCTGAACTAAAATATGCAAAATCACTTTAATATAATTTGAC
 ATTTGAGGAGTACCATTGCACTAACAGGAAATCACTGCCGGAGACAGCCACATTTCTTGTAGTTGTTA
 TTAGGGCACAACCACTCCACAGTCCCAGTGTGGAGTACAGTCTAGAGAGAATTGAAAATGCACGTGCT
 TAAATGATACAGCTTTAATCTGTATTATGACTGCTGGTGGTAAGAGGAATATCTTTAAATTTCTTATGAA
 AACAAATCCACATTCATTATTTACATTTGTCTAAGAGGTTAAGTATCTGAAGGGAGGATGTAGATA
 GCAAAATGACAGAGACAGTACACCTAGTGTATTGCTACTGAAAGTCTTAGGTTAACTTTGACATCACAG
 GTCCCTTCCAGGGTACCAGTGGTAGCTGCAAGTGTGCACCGGCTACTACATTCAGGCTATTTGAGGTTT
 TCATATGCTGCATTTCTTTGTTTTAACACCTGGTTTTATAGGTTCTCTTTGTTTGAAGAACTGGA
 TTCTTTTCTCCTAACAGTGTCTAATTTGTGTTTTGGATTTCTTTTTCAGAAAGTGTCAAATGTCTATGC
 TGTTACATCCAGAATATTCATTAGGCTGCCCCACAGCTCTCTGTATATATAGAGACCACAGAGTTAGGA
 TTTTTTTAATGAGAAAAATACTGTATTTAAAATGTAATAAACTTTTAAAAAGCAAGCACTAATATAT
 ATTTCTTTTTCAGCCTTTGATTACAGTTTTGTCCTTGCACATGTTAAGATAAATTATCTTCTAAAACCTTGT
 TCTTGGGAGCAGTGAATGTCACTTTACATGGCTGTTTCTGTACATGTTTATATCTGAACATTTTGGTT
 ATAACCTTTTTTATGCTTTGGCTGTTGATTAGTACAAGTGAATTTCAAAAAGATCTTGAAGTAAATAT
 ATTTAATCAATTAATGTTTCTCTGTAAAAAAAAAAAAAAAAAAAAA

Restriction Sites:

Ascl-NotI

ACCN:	NM_133225
Insert Size:	1578 bp
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:	BC060602 , AAH60602
RefSeq Size:	3405 bp
RefSeq ORF:	1578 bp
Locus ID:	170760
UniProt ID:	Q8BMP6
Cytogenetics:	1 84.46 cM
Gene Summary:	Involved in the maintenance of Golgi structure by interacting with giantin, affecting protein transport between the endoplasmic reticulum and Golgi (By similarity). Involved in hormone-induced steroid biosynthesis in testicular Leydig cells (PubMed:12711385). Recruits PI4KB to the Golgi apparatus membrane; enhances the enzyme activity of PI4KB activity via its membrane recruitment thereby increasing the local concentration of the substrate in the vicinity of the kinase (By similarity).[UniProtKB/Swiss-Prot Function]