

## Product datasheet for **MC203829**

### **Apoa4 (NM\_007468) Mouse Untagged Clone**

#### **Product data:**

**Product Type:** Expression Plasmids  
**Product Name:** Apoa4 (NM\_007468) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Apoa4  
**Synonyms:** Apoa-4  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC010769  
 GACTAGTTCTAGATCTGCACAGGGACACAGGTACACCGTTTCTTCTGACTCCGGAAACATCCAGTGTAG  
 CCGAAACTGTCCCAGCCCAGTGAGAGGCCAGGATGTTCTTGAAGGCTGCGGTGCTGACCCTGGCCCTGG  
 TGGCCATCACCGCACCCGGGCTGAGGTCACTTCGGACCAGTGCCCAATGTGGTGTGGGATTACTTTAC  
 CCAGCTAAGCAACAATGCCAAGGAGGCTGTAGAACAGTTTCAGAAGACGGATGTCACTCAGCAGCTCAGT  
 ACCCTCTTCCAGGACAACTTGGGGATGCTAGTACGTATGCTGATGGGGTGCACAACAAGCTGGTCCCT  
 TTGTCGTACAGCTGAGTGGGCATCTAGCCCAGGAACTGAGAGGGTGAAGGAAGAGATCAAGAAGGAGCT  
 GGAGGACCTACGTGACCGCATGATGCCCATGCCAACAAAGTAACCCAGACGTTCCGGGAGAACATGCAG  
 AAGTTGCAGGAGCACCTGAAGCCCTATGCCGTGGACCTGCAAGATCAGATCAACACACAGACCCAGGAAA  
 TGAAGCTCCAGCTGACCCATACATCCAGCGCATGCAGACCACGATCAAGGAGAATGTGGACAACCTGCA  
 CACCTCGATGATGCCCTTGCCACCAACTTAAAGGACAAGTTTAAACAGGAATATGGAAGAGCTCAAGGGG  
 CACCTAACCCCGTGCCAACGAGCTGAAGGCCACGATCGACCAGAACCTGGAGGATCTGCGCCGACGCC  
 TGGCCCTCTGACGGTGGGCGTGCAGGAGAAACTCAACCATCAGATGGAGGGCCTGGCCTTCCAGATGAA  
 GAAGAACGCGGAGGAGCTCCAGACCAAGGTCTCCGCAAAAATCGACCAGCTGCAGAAGAATCTGGCCCCG  
 CTGGTGAAGACGTGCAGAGCAAGGTGAAGGGCAACACGGAAGGGCTGCAGAAGTCTCTGGAAGACCTGA  
 ACAGGCAGCTGGAGCAGCAGGTGGAGGAGTTCGACGCACTGTGGAGCCCATGGGAGAGATGTTCAACAA  
 GGCTCTGGTGCAGCAGCTGGAACAGTTCAGACAGCAGCTGGGTCCCAATTCGGGGGAGGTGGAAGCCAC  
 TTGAGCTTCTGGAGAAGAGCCTGAGGGAGAAGGTCAACTCCTTTATGAGCACCTGGAAAAAAGGGGA  
 GCCCAGACCAGCCTCAAGCCCTCCCCCTCCGGAGCAGGCCAGGAGCAGGCTCAGGAGCAGGCTCAGGA  
 GCAGGTGCAGCCCAACCTCTGGAGAGCTGAGCTGTCCCTGGTGCCTCAGCCCATCACAGCAGCAGACA  
 CCTGTCTGCCACCACCTGTCTGTCACTCTGTCCCCAGGCACTTCTTGTACCAGCTTGAGGACACATG  
 TCCTGTGGGAGGTGAAGCCACATCTCGCTACTCAATAAAGCAACTGAGAAATTAATAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_007468  
**Insert Size:** 1188 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC010769</a> , <a href="#">AAH10769</a>
<b>RefSeq Size:</b>	1467 bp
<b>RefSeq ORF:</b>	1188 bp
<b>Locus ID:</b>	11808
<b>UniProt ID:</b>	<a href="#">P06728</a>
<b>Cytogenetics:</b>	9 25.36 cM
<b>Gene Summary:</b>	May have a role in chylomicrons and VLDL secretion and catabolism. Required for efficient activation of lipoprotein lipase by ApoC-II; potent activator of LCAT. ApoA-IV is a major component of HDL and chylomicrons.[UniProtKB/Swiss-Prot Function]