

## Product datasheet for **MC203230**

### Amdhd2 (NM\_172935) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Amdhd2 (NM\_172935) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Amdhd2  
**Synonyms:** 5730457F11Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC037005  
 CCACGCGTCCGCCACGCGTCCGCCACGCGTCCGCTCCGATTACCGCTGCTCCGGGCACTGCCGGCTT  
 GCGCCAAAGCTTGTGTGTTCCGGCGGACTCACGATGCGTAGCGGGCAGTGTGCAGCGGGGCCCGGT  
 GCTCCAGTTCACCAACTGCCGATCCTGCGTGGCGGCACGCTCCTCAGGAGGATCTGTGGGTGCCGCGG  
 GGCCGAATCCTGGACCCAGAAAAGCTGTTTTTTGAGGAGAGGCGTGTGGCTGATGAGCAGCGGGACTGCG  
 GAGGCCGATCCTGGCGCTGGCTTTATCGATGTGCAGATCAACGGTGGATTTGGTGTGACTTCTCCAA  
 GGCTACGGAGGACGTGGGTTCCGGGGTCCGCTAGTGGCCCGGAGGCTCCTGTCCACGCTGTCACCTCC  
 TTCTGTCCACCCTGGTCACTCCCCACCAGAGGTTTATCACAAGGTCCTTCTCAGATCCCTGTGAAGA  
 GTGGAGGTCCTTGGGCGAGGGTCTCGGGTGCACCTGGAGGGCCATTATCAGCCGGGAAAAGCG  
 GGGTGCACACCCTGAGGCTACCTCCGCTCCTTTGAAGCCAATGCTTTTCATGATGTGTTGGCCACATAT  
 GGGCCCTGGACAACGTCTGCATTGTGACACTTGGCCCTGAACTAGACCGGAGCCATGAAGTGATCCAGG  
 CACTGACAGCCCAAGGCATCCGTGTCTCTAGGGCACTCAGTGGCCGACCTGCGGGCTGCAGAAGTGGC  
 AGTGACAGAGTGGGGCCACCTTCACTCACTCTTCAATGCCATGTTGCCTTTCCACCACCGTGACCCA  
 GGCATAGTAGGGCTTCTGACCAGTGACCAGCTGCCCCAGGCCACTGCATCTTCTATGGGATGATTGCTG  
 ATGGCATAACACCAACCCTGCAGCTCTGCGCATTGCTCACCGGGCCCATCCCCAGGGGCTGGTGTGGT  
 CACTGATGCTGTCCCTGCCCTGGGCTTGGGCAATGGCCGCATACGCTGGGACAGCAGGAGGTGGAGGTA  
 GATGGGCTAATAGCGTACATTGCAGGCACCAAGACTGGGTGGCAGCATAGCCCCATGGATGTGTGCG  
 TCCGGCATTTCCTGCAGGCTACAGGCTGTAGTGTGGAGTCGGCCCTGGAAGCTGCCTCCCTCCACCCTGC  
 CCAGATGCTGGGCTGGAGAAGACCAAGGGGAGCCTGGACTTTGGTGTGATGCAGACTTTGTGGTGTCT  
 GACGACTCTCCATGTCCAGGCCACTTACATCTCTGGTGAAGTGGTGTGGCAGGCAGAGGAAGCTGGGC  
 CGTGACTGAGGGTCTTGCTGGAAGGACACTTGAGAGGCCAGGCAGTCCACGGAGCTGGTCTCCAGGG  
 AGCAAGCTGAGAGCCCTGCCCTATGTCTAAAACAGAACCTCAGTCATCACTCCTGGAGGGGAGGCAGTGG  
 CTTGGATAAATACAGACAGTGGGACTTGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_172935



[View online »](#)

|                               |   |
|-------------------------------|---|
| <b>Insert Size:</b>           | 1230 bp   |
| <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>                | <u><a href="#">BC037005</a></u> , <u><a href="#">AAH37005</a></u>   |
| <b>RefSeq Size:</b>           | 1530 bp   |
| <b>RefSeq ORF:</b>            | 1230 bp   |
| <b>Locus ID:</b>              | 245847  |
| <b>UniProt ID:</b>            | <u><a href="#">Q8JZV7</a></u>   |
| <b>Cytogenetics:</b>          | 17 A3.3   |
| <b>Gene Summary:</b>          | Hydrolyzes the N-glycolyl group from N-glycolylglucosamine 6-phosphate (GlcNGc-6-P) in the N-glycolylneuraminic acid (Neu5Gc) degradation pathway.[UniProtKB/Swiss-Prot Function]   |