

Product datasheet for **MC203250**

Asphd2 (NM_028386) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Asphd2 (NM_028386) Mouse Untagged Clone
Tag: Tag Free
Symbol: Asphd2
Synonyms: 2900006N09Rik; 9230106G13Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC046606
 TTGCTAATGGGACATAAGGCAGCGCCCTCCACCCCACTGCGGTGACTTTTCTAGTGGGCCAGTTGGCA
 GGCTCACTGTTTCATCAATGGAGCCCTTGGCAGGAACCGAGGGACAGTGGCAGCCATGCCTCCCCCTGCC
 ACCGCGGCTCCTTCTGCCTCCTGCTAACCTGCATGCCGTGGGTGCCCTGGAGACGCCAGAGGACTGACC
 ATCTGAGCCAGCTTGCCCTCAAGCACGGAGTCCCTCAAGATGTGGCTGGAGTGGTGGTGGCTGGAGCTG
 GTCTCTGGATGGCCTGAGGGACTGCATTGCCACCGGTATCCAGTCAGTGCGGGACTGCGATGGCACAGCC
 GTCATCACCGTGGCCTGCCTGCTCATCCTGTTGTGTGGTACTGTTACCACGTGGGCCGCGAGCAGCCCC
 GCCCCACGTGTCTGTCAACTCCCTCCTGCAGGGCGTGGATGCCAACGGGCTGCAGAATGGGTCCATGTA
 CTGCCAGTCACCAGAGTGTGCGCGCTGCACACACCACGAAGGCCCAACCAGAAGCTCTACCACAACCTG
 CAGGAATACGCCAAGCGTACTCATGGTCCGGCATGGGCCGATTACAAGGGCATCCGGGAGCAGGGCC
 GCTACCTCAGCAGCCAGCCCTCCATCCAGAAGCCCGAGGTCTTCTCCTGCCTGACCTCCCCTACGCC
 CTACTTCTCCCGGATGCCCAGAAGCAGCATGTGGAGCTGTTGGAGCGGAACCTCCAGGCGATCCTCTGC
 GAGTTCGAGACTCTCTACAAAGCCTTCTCTAACTGCAGCCTCCCTCAAGGGTGGAAAAGTGAACAGCACCC
 CAGTGGGGAGTGGTTACCTTTGACTTTGTGACGCCAGGGCGTTTGTGTCCCCAGGAACTGCAGGAAGTG
 CCCGCGGACTTACCGCTTGCTCGGCAGCCTCCGGACCTGTATTGGGAACAATGTTTTCGGGAACCGCTGC
 ATCTCAGTGCTGAGCCCTGGGACTGTGATCACGGAGCACTACGGACCCACAAATCCGCATCCGATGCC
 ACCTAGGTTTGAAGACTCCCAATGGCTGCGAGCTGGTGGTGGGGGGCAGCCCCAGTGTGGGCAGAAGG
 CCGATGCTTACTCTTTGATGACTCGTTCCTGCACACTGCGTTCATGAAGTTCCGCTGAGGATGGCCCA
 CGGGTGGTCTTTCATGGTAGACCTTGGCACCCCAACGTGGCAGCTGCTGAACGTCAAGGCCCTGGATTCA
 TCTTTGCTCCGGGACGATGAGGACATTGCCTGGGCTGGAGCCAGGCTGAGTGGATGGGTGGACTGTGGGA
 TTGCCACCCTGACTGTGCCCTGATCCATGCTGGAAGCATGAATGGCTTCTGCCACTGTGGGGCGTCTT
 TCCTTTGGTACTGGAACTTCTAGGTTTCTTCCCCTTCTGGCTAATTGCTGGGACTTCTGGCCTACT
 AGTGTGTCCTTTGGCTGTGACCAGAGGCTCTGTGCCTCCTGTCCGTGCACTTTGCTACCTGGTGTCT
 CTGTCCATGTTCTGGAATAGAGTAACCAAATGACTGTTTTGTCTAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_028386
Insert Size:	1032 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:	BC046606 , AAH46606
RefSeq Size:	1604 bp
RefSeq ORF:	1032 bp
Locus ID:	72898
UniProt ID:	Q80VP9
Cytogenetics:	5 F
Gene Summary:	May function as 2-oxoglutarate-dependent dioxygenase.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript. All six variants encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.