

Product datasheet for **MC205762**

Aspdh (NM_026690) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Aspdh (NM_026690) Mouse Untagged Clone
Tag: Tag Free
Symbol: Aspdh
Synonyms: 0610012D14Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC019451
 ACCATGGCCACCAGTACGCTCCCTCAAGTTCCTTACAAGGTGGGGTGGTGGGCTATGGCCGCCTGGGAC
 AGTCCCTTGTGTCCCGCCTTCTGGCTCAGGGATCAGAAGTGGCCCTAGAAGTGTGTTTGTGTGGAACCG
 TGACCCTGGACGGATGGCAGGGAGTGTGCCCCCTGCCCTGCAGCTCCAAGACCTCACTGCCCTTGAGGAA
 AGGCACCCTGACCTTGTGGTAGAAGTGGCCACCCAAAATAATCCATGAATCTGGGGCACAATCCTTC
 GCCATGCAAACCTCCTGGTGGGATCCCCCTCAGCTCTGGCTGACCAGACCACAGAGCAGCAGCTCCTGGA
 AGTTTCAAAGCGTGGGGCCACACTGTGTTTGTGGCCCGAGGGCCCTATGGGGCAGTGAAGACATCAGC
 AGACTGGATGCAGCCGGAGGCCTCCAGAGCCTTCGAGTACCATGGCCACACATCCTGATGGCTTCCGGT
 TGAAGGACCCCTGGCTGCAGCCACAGTGTGGCCCGCAGTGTCTATGAGGGCCCTGTGCGTGG
 GCTCTGCCCTTGCCCCCGAAACTCTAACACCATGGCAGCTGCTGCCCTGGCTGCCCCAGTCTAGGC
 TTCGACCGTGTCAATGGGGTGTGTTGGCTGACCTTAGCCTCACCGACATGCACGTGGTGGATGTGGAGC
 TGCTAGGACCCCGAGGGCTTCAGGTTCGAGCTTCTCCGTGCACACCCACAGAGAGAACCCAGCCAGCC
 TGGCGCTGTACCGGCTCTGCTACTGTTACAGCCTTCTGGCACAGCCTACTGGGCTGCTGTGAGCTCACC
 TCCAGACTGGGATCCACCTCTGCTGAGTCTCCTCCCCTACTACCCTTACTGTCACCTTGACAATATGG
 GTCCCAGTAAACATCAGAGTTCAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_026690

Insert Size: 864 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).



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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:	<u>BC019451</u> , <u>AAH19451</u>
RefSeq Size:	947 bp
RefSeq ORF:	864 bp
Locus ID:	68352
UniProt ID:	<u>Q9DCQ2</u>
Cytogenetics:	7 B3
Gene Summary:	Specifically catalyzes the NAD or NADP-dependent dehydrogenation of L-aspartate to iminoaspartate.[UniProtKB/Swiss-Prot Function]