

Product datasheet for MC207678

Ddah1 (NM_026993) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddah1 (NM_026993) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ddah1
Synonyms:	2410006N07Rik; 2510015N06Rik; AI987801; AW050362
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207678 representing NM_026993 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGGCCTCGGCCACCCCTCCGCTTCGGCCGGGCCACCCACGCCGTGGTGCGGGCTCCGCCGAGT
CCCTGTGCCGCCACGCGCTGAGGCGCTCGCAGGGCGAGGAGGTGGATTCGCTCGCGCCGAGCGCCAGCA
CGAGCTTACGTGGCGTGTGGCAGCAAGCTGGGGCTGCAGGTGGTGCAGCTGCCCGCCGACGAGAGC
CTGCCCGACTGCGTGTTCGTGGAGGACGTGCCGTCGTGTGCAGGAGACGGCCCTCATCCCCGCCCG
GGCGCCAGCCGAGGAAGGAGTTGACATGATGAAAGAGGCTTGGAAAACTTCAGTCAACATAGT
AGAGATGAAAGATGAAAAAGCAACTTTGGATGGTGGGGAGCTCCTATTCACAGGCAGAGAATTTTTGTG
GGCCTTTCCAAAAGAACAATCAACGAGGTGCTGAAATCTTGGCTGATACTTTAAGGACTACGCAGTCT
CTACAGTCCCTGTGGCCGATTCTTTGCATTTAAAGAGTTTCTGCAGCATGGCCGGACCCAACCTGATTGC
AATAGGGTCCAGCGAATCTGCACAGAAGGCCCTCAAGATCATGCAACAGATGAGTGACCATCGTTATGAC
AAGTCACTGTACCCGACGACATGGCCGCAACTGCATATATCTAAATATCCCCAGCAAAGGGCATGTCT
TGCTGCACCGAACCCAGAAGAGTACCCAGAAAGCGCAAAGGTCTATGAGAACTCAAGGACCATCTACT
GATCCCTGTGAGCAACTCGGAGATGGAAAAGGTGGACGGCTTGTACCTGCTGCTCCGTTTTTATAAC
AGAAGATAGACTCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_026993
Insert Size:	858 bp



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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:	NM_026993.3 , NP_081269.1
RefSeq Size:	3747 bp
RefSeq ORF:	858 bp
Locus ID:	69219
UniProt ID:	Q9CWS0
Cytogenetics:	3 H2
Gene Summary:	Hydrolyzes N(G),N(G)-dimethyl-L-arginine (ADMA) and N(G)-monomethyl-L-arginine (MMA) which act as inhibitors of NOS. Has therefore a role in the regulation of nitric oxide generation.[UniProtKB/Swiss-Prot Function]