

## Product datasheet for **MR203883**

### **Ddah1 (NM\_026993) Mouse Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ddah1 (NM\_026993) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Ddah1  
**Synonyms:** 2410006N07Rik; 2510015N06Rik; AI987801; AW050362  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR203883 ORF sequence  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCGGCCTCGGCCACCCCTCCGCCTTCGGCCGGGCCACCCACGCCGTGGTGCGGGCTCCGCCGAGT  
CCCTGTGCCGCCACGCGCTGAGGCGCTCGCAGGGCGAGGAGGTGGATTCGCTCGCGCCGAGCGCCAGCA  
CGAGCTCTACGTGGGCGTCTGGCAGCAAGCTGGGGCTGCAGGTGGTGCAGCTGCCCGCCGACGAGAGC  
CTGCCCGACTGCGTGTTCTGGAGGACGTGGCCGTCGTGTGCAGGAGACGGCCCTCATCCCCGCCCG  
GGCGCCAGCCGAGGAAGGAGTTGACATGATGAAAGAGGCTTGGAAAACTTCAGTCAACATAGT  
AGAGATGAAAGATGAAAAAGCAACTTTGGATGGTGGGGACGTCCTATTCACAGGCAGAGAATTTTTGTG  
GGCCTTTCCAAAAGAACAATCAACGAGGTGCTGAAATCTTGGCTGATACTTTAAGGACTACGCAGTCT  
CTACAGTCCCTGTGGCCGATTCTTTGCATTTAAAGAGTTTCTGCAGCATGGCCGGACCCAACCTGATTGC  
AATAGGGTCCAGCGAATCTGCACAGAAGGCCCTCAAGATCATGCAACAGATGAGTGACCATCGTTATGAC  
AAGTCACTGTACCCGACGACATGGCCGCAACTGCATATATCTAAATATCCCCAGCAAAGGGCATGTCT  
TGCTGCACCGAACCCAGAAGAGTACCCAGAAAGCGCAAAGGTCTATGAGAACTCAAGGACCATCTACT  
GATCCCTGTGAGCAACTCGGAGATGGAAAAGGTGGACGGCTTGTCACTGCTGCTCCGTTTTTATAAC  
AGAAGATAGACTCC

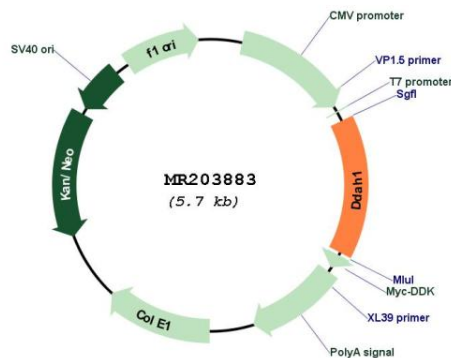
**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA





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|-------------------------------|---|
| <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>NM_026993.3, NP_081269.1</u>   |
| <b>RefSeq Size:</b>           | 3747 bp   |
| <b>RefSeq ORF:</b>            | 858 bp  |
| <b>Locus ID:</b>              | 69219   |
| <b>UniProt ID:</b>            | <u>Q9CWS0</u>   |
| <b>Cytogenetics:</b>          | 3 H2  |
| <b>MW:</b>                    | 31.4 kDa  |
| <b>Gene Summary:</b>          | 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]  |

### Product images:



Circular map for MR203883