

Product datasheet for **RN216246**

Ddah2 (NM_001165936) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ddah2 (NM_001165936) Rat Untagged Clone
Tag: Tag Free
Symbol: Ddah2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN216246 representing NM_001165936
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGACGCCGGGGGAGGGGCTGGGTCGCTGTTCCCATGCCCTGATCCGGGGTGTCCCGAGAGCTTGG
CATCCGGGAAGGTGCTGGCGTGGTCTTCCGGCTCTGGATCTGGCTAAAGCTCAAAGGGAGCATGGAGT
ACTAGGAGGTAAGTCTGAGCAACGACTAGGTCTGCAGTCTTGAAGTGCCTCTGAGGAATCACTGCCG
CTGGGACCACTGCTTGGTGACACGGCTGTGATCCAAGGAGACACGGCTCTAATCACAAGGCCCTGGAGCC
CAGCGCGTAGGCCTGAGGTTGATGGAGTCCGCAAAGCTCTCCAGGACTTGGGGCTCAGAATTGTGGAGAT
GGGGGATGAGAACGCTACGCTGGACGGCACCGAGTCTCTTACCGGCCGGGAGTTTTTCGTAGGCCTC
TCCAAGTGGACCAATCATCGAGGAGCTGAGATCGTGGCAGACACGTTCCGGGACTTCGCTGTCTCTACGG
TACCGTCTCTGGCGCCTCGCATCTGCGCGCCTCTGTGGCATGGGAGGACCTCGCACGGTGGTGGCTGG
AAGCAGTGAAGGCTGCCAAAAAGCCGTCAGGGCAATGGCAGCACTGACTGATCACCCCTACGCCTCTCTG
ACCCTCCAGATGACGACGAGTACTGTCTTTCTGCGTCTGGGTTGCCTGGTACCACACCTTTCC
TTCTGCACCGCGAGGTGGGGACCTGCCAACAGCCAGGAGGCTCTGCAAAGCTCTCTGACGTACCCCT
GGTACCTGTCTCTGCTCGGAAGTGGAGAAGTTGGAGCTGGCCTCAGCTCCCTCTGCTGGTGTCTCAGC
ACACGCCCCACTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001165936
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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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>NM_001165936.1</u> , <u>NP_001159408.1</u>
RefSeq Size:	1273 bp
RefSeq ORF:	858 bp
Locus ID:	294239
UniProt ID:	<u>Q6MG60</u>
Cytogenetics:	20p12
Gene Summary:	human and mouse homologs regulate the concentration of methylarginines [RGD, Feb 2006] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein.