

Product datasheet for RN205721

Ddah1 (NM_022297) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddah1 (NM_022297) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ddah1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205721 representing NM_022297 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGGCCTCAGCCACCCCTCGGTCTTCGGCCGGGCCACCCACGCCGTGGTGCGGGCTCCGCCGAGT
CCCTGTGCCGCCACGCGCTGAGGCGCTCCAGGGCGAAGAGGTGGATTTTCGCTCGCGCTGAGCGCCAGCA
CCAGCTCTACGTGGGCGTGTGGCAGCAAGCTGGGGCTGCAGGTGGTGCAGCTGCCGGCCGACGAGAGC
CTGCCTGACTGCGTGTTTCGTGGAGGACGTGGCCGTGGTGTGCGAGGAGACCGCCCTCATCACCCGCCCGG
GGCGCCTAGCCGAGGAAGGAGTTGACATGATGAAAGAGGCTTGGAAAACTTCAGTCAACATAGT
AGAGATGAAAGATGAAAATGCAACCTTAGATGGTGGGGACGTCCTATTCACAGGCAGAGAGTTTTTTGTG
GGCCTTCCAAAAGGACAAATCAACGAGGTGCTGAGATCTTGGCTGATACTTTCAAGGACTACGCAGTTT
CCACAGTCCCGTGGCCGATTCTTTGCATTTAAAGAGTTTCTGCAGCATGGCTGGCCCCAACCTGATCGC
AATAGGGTCCAGTGAATCTGCGCAGAAGGCCCTCAAGATCATGCAACAGATGAGTGACCACCGTTATGAC
AAGTCACTGTACCGGACGACATGGCCGCAACTGTATATATTTAAATATCCCCAGCAAAGGGCATGTCT
TGCTGCACCGAACCCAGAAGAGTACCCAGAAAGCGCAAAGGTTTATGAGAAGCTCAAGGACCATCTACT
GATCCCTGTGAGCAATTCTGAGATGAAAAGGTGGACGGCTTGTACCTGCTGCTCCGTTTTTATAAC
AAGAAGACAGACTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_022297
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:	<u>NM_022297.2</u> , <u>NP_071633.1</u>
RefSeq Size:	2686 bp
RefSeq ORF:	858 bp
Locus ID:	64157
UniProt ID:	<u>O08557</u>
Cytogenetics:	2q44
Gene Summary:	enzyme metabolizes dimethylarginine; involved in regulating the concentration of nitric oxide [RGD, Feb 2006]