# Recombinant Mouse Ddah1 Protein, Myc/DDK-tagged

**Cat. No.** Ddah1-2489M **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Purified recombinant protein of mouse full-length dimethylarginine dimethylaminohydrolase 1 (Ddah1), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| **Species** | Mouse |
| **Source** | HEK293 |
| **Description** | 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. |
| **Molecular Mass** | 31.4 kDa |
| **Purity** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Stability** | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| **Storage** | Store at -80 centigrade after receiving vials. |
| **Concentration** | >50 μg/mL as determined by microplate BCA method |
| **Storage Buffer** | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |

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## GENE INFORMATION

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| **Gene Name** | Ddah1 dimethylarginine dimethylaminohydrolase 1 [ Mus musculus (house mouse) ] |
| **Official Symbol** | Ddah1 |
| **Synonyms** | DDAH1; dimethylarginine dimethylaminohydrolase 1; N(G),N(G)-dimethylarginine dimethylaminohydrolase 1; DDAHI; DDAH-1; dimethylargininase-1; AI987801; AW050362; 2410006N07Rik; 2510015N06Rik |
| **Gene ID** | 69219 |
| **mRNA Refseq** | NM_026993 |
| **Protein Refseq** | NP_081269 |
| **UniProt ID** | Q9CWS0 |

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