

Active Recombinant Human DDAH1 Protein, Met & His-tagged

Cat. No. DDAH1-1063H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human DDAH1 (Accession # O94760) Ala2-Ser285, fused with an N-terminal Met and 6-His tag, was produced in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Ala2-Ser285 |
| Predicted N Terminal | Inconclusive result, Met predicted. Protein identity confirmed by MS analysis of tryptic fragments. |
| Form | Supplied as a 0.2 µ filtered solution in Tris, NaCl, Glycerol and DTT. |
| Bio-activity | Measured by its ability to hydrolyze asymmetric dimethylarginine to L-citrulline and dimethylamine. The specific activity is >75 pmol/min/g, as measured under the described conditions. |
| Molecular Mass | Recombinant Human DDAH1, Met & His-tagged has a calculated MW of 32 kDa. In SDS-PAGE migrates as 38 kDa, reducing conditions. |
| Purity | >95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane. |
| Storage | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In |

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

Reconstitution

Reconstitute at 100 µg/mL in 100 mM acetic acid containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name

DDAH1 dimethylarginine dimethylaminohydrolase 1 [Homo sapiens]

Official Symbol

DDAH1

Synonyms

DDAH1; dimethylarginine dimethylaminohydrolase 1; N(G),N(G)-dimethylarginine dimethylaminohydrolase 1; DDAH; DDAHI; DDAH-1; dimethylargininase-1; NG, NG-dimethylarginine dimethylaminohydrolase; FLJ21264; FLJ25539;

Gene ID

23576

mRNA Refseq

NM_001134445

Protein Refseq

NP_001127917

MIM

604743

UniProt ID

O94760

**Chromosome
Location**

1p22

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