

Dimethylarginine Dimethylaminohydrolase 1 Human Recombinant

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| Item Number | rAP-1170 |
| Synonyms | DDAH, DDAH-1, Dimethylargininase-1, dimethylargininase-1, Dimethylarginine Dimethylaminohydrolase 1. |
| Description | DDAH1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 308 amino acids (1-285a.a.) and having a molecular mass of 33.5kDa.DDAH1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. |
| Uniprot Accession Number | O94760 |
| Amino Acid Sequence | MGSSHHHHHH SSGLVPRGSH MGSMAGLGHP AAFGRATHAV VRALPESLGQ HALRSAKGEE VDVARAERQH QLYVGVLGSK LGLQVVELPA DESLPDCVFV EDVAVVCEET ALITRPGAPS RRKEVDMME ALEKLQLNIV EMKDENATLD GGDVLTGRE FFVGLSKRTN QRGAEILADT FKDYAVSTVP VADGLHLKSF CSMAGPNLIA IGSSESAQKA LKIMQQMSDH RYDKLTPDD IAANCIYLN PNKGVLLHR TPEEYPESAK VYEKLKDHML IPVSMSELEK VDGLLTCCSV LINKKVDS |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles. |
| Formulation and Purity | The DDAH1 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH 8.0) 1mM DTT, 50mM NaCl and 10% glycerol. Greater than 95% as determined by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**