

Dimethylarginine Dimethylaminohydrolase 1 Human Recombinant

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 Accesion Number	O94760
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAGLGH PAAFGRATHAV VRALPESLGQ HALRSAKGE EVDVARAERQH QLYVGVLGSK LGLQVVELPA DESLPDCVFV EDVAVVCEET ALITRPGAPS RRKEVDMMKE ALEKLQLNIV EMKDENATLD GGDVLFVGRE FFVGLSKRTN QRGAEILADT FKDYAVSTVP VADGLHLKSF CSMAGPNLIA IGSSESAQKA LKIMQQMSDH RYDKLTVPPD IAANCIYLNI PNKGHVLLHR TPEEYPESAK VYEKLKDHTML 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**