

Product datasheet for **AR09693PU-L**

DDAH1 (1-285, His-tag) Human Protein

Product data:

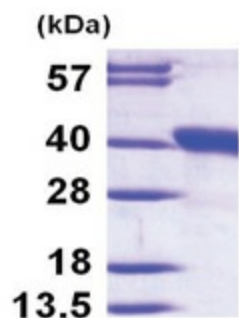
Product Type:	Recombinant Proteins
Description:	DDAH1 (1-285, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> <u>MGSMAGLGHP</u> AAFGRATHAV VRALPESLGQ HALRSAKGEE VDVARAERQH QLYVGVLGSK LGLQVVELPA DESLPDCVFV EDVAVVCEET ALITRPGAPS RRKEVDMME ALEKLQNLIV EMKDENATLD GGDVLTGRE FFVGLSKRTN QRGAEILADT FKDYAVSTVP VADGLHLKSF CSMAGPNLIA IGSSESAQKA LKIMQQMSDH RYDKLTPDD IAANCIYLN I PNKGHVLLHR TPEEYPEAK VYEKLDHML IPVSMSELEK VDGLLTCCSV LINKKVDS
Tag:	His-tag
Predicted MW:	33.5 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol, 50 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human DDAH1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001127917</u>
Locus ID:	23576
UniProt ID:	<u>O94760</u> , <u>B4E3V1</u>
Cytogenetics:	1p22.3
Synonyms:	DDAH; DDAH-1; DDAHI; HEL-S-16



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Summary:

This gene belongs to the dimethylarginine dimethylaminohydrolase (DDAH) gene family. The encoded enzyme plays a role in nitric oxide generation by regulating cellular concentrations of methylarginines, which in turn inhibit nitric oxide synthase activity. [provided by RefSeq, Jul 2008]

Product images:

15% SDS-PAGE (3ug)