Recombinant Human DDAH2, His-tagged

Cat. No. DDAH2-11876H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DDAH2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-285a.a.
Description	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.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	DDAH2 dimethylarginine dimethylaminohydrolase 2 [Homo sapiens]
Official Symbol	DDAH2

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Synonyms	DDAH2; dimethylarginine dimethylaminohydrolase 2; N(G),N(G)-dimethylarginine dimethylaminohydrolase 2; DDAH-2; protein G6a; S-phase protein; dimethylargininase-2; alternative name: NG30, G6a; dimethylarginine dimethylaminohydrolase II; NG-dimethylarginine dimethylamino hydrolase homolog; G6a; DDAH; NG30; DDAHII;
Gene ID	23564
mRNA Refseq	NM_013974
Protein Refseq	NP_039268
MIM	604744
UniProt ID	O95865
Chromosome Location	6p21
Function	amino acid binding; catalytic activity; dimethylargininase activity; hydrolase activity; protein binding;

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