Recombinant Full Length Human DDAH1 Protein, GST-tagged

Cat. No. DDAH1-2424HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DDAH1 full-length ORF (NP_036269.1, 1 a.a. - 285 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	285 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	57.5 kDa
AA Sequence	MAGLGHPAAFGRATHAVVRALPESLGQHALRSAKGEEVDVARAERQHQLYVGVLG SKLGLQVVELPADESLPDCVFVEDVAVVCEETALITRPGAPSRRKEVDMMKEALEKL QLNIVEMKDENATLDGGDVLFTGREFFVGLSKRTNQRGAEILADTFKDYAVSTVPVA DGLHLKSFCSMAGPNLIAIGSSESAQKALKIMQQMSDHRYDKLTVPDDIAANCIYLNI PNKGHVLLHRTPEEYPESAKVYEKLKDHMLIPVSMSELEKVDGLLTCCSVLINKKVD S
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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