Recombinant Full Length Human DDAH2 Protein, GST-tagged

Cat. No. DDAH2-2426HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DDAH2 full-length ORF (AAH01435, 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 encodes a dimethylarginine dimethylaminohydrolase. The encoded enzyme functions in nitric oxide generation by regulating the cellular concentrations of methylarginines, which in turn inhibit nitric oxide synthase activity. The protein may be localized to the mitochondria. Alternative splicing resulting in multiple transcript variants. [provided by RefSeq, Dec 2014]
Molecular Mass	57.09 kDa
AA Sequence	MGTPGEGLGRCSHALIRGVPESLASGEGAGAGLPALDLAKAQREHGVLGGKLRQR LGLRLLELPPEESLPLGPLLGDTAVIQGDTALITRPWSPARRPEVDGVRKALQDLGLR IVEIGDENATLDGTDVLFTGREFFVGLSKWTNHRGAEIVADTFRDFAVSTVPVSGPS HLRGLCGMGGPRTVVAGSSDAAQKAVRAMAVLTDHPYASLTLPDDAAADCLFLRP GLPGVPPFLLHRGGGDLPNSQEALQKLSDVTLVPVSCSELEKAGAGLSSLCLVLSTR PHS
Applications	Enzyme-linked Immunoabsorbent Assay

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Western Blot (Recombinant protein) 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	DDAH2 dimethylarginine dimethylaminohydrolase 2 [Homo sapiens]
Official Symbol	DDAH2
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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA