

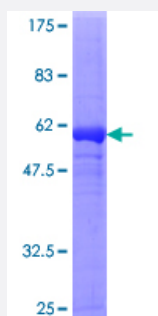
Full-Length

DDAH1 (Human) Recombinant Protein (P01)

Catalog # H00023576-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DDAH1 full-length ORF (NP_036269.1, 1 a.a. - 285 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAGLGHPAAFGRATHAVVRALPESLGQHALRSAKGEEVDVARAERQHQLYGVLGSKLGLQVV
ELPADESLPDCVFVEDVAVVCEETALITRPGAPSRRKEVDMMEALEKLQLNVEMKDENATLD
GGDVLFTGREFFVGLSKRTNQRGAELADTFKDYAVSTVPVADGLHLKSFCMAGPNLIAIGSSES
AQKALKIMQQMSDHRVDKLTVPDDIAANCIYLNIPNKGHVLLHRTPEEYPESAKVYEKLDHMLIPV
SMSELEKVDGLLTCCSVLINKKVDS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

57.5

Interspecies Antigen Sequence

Mouse (93); Rat (93)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — DDAH1

Entrez GeneID[23576](#)**GeneBank Accession#**[NM_012137.2](#)**Protein Accession#**[NP_036269.1](#)**Gene Name**

DDAH1

Gene Alias

DDAH, FLJ21264, FLJ25539

Gene Description

dimethylarginine dimethylaminohydrolase 1

Omim ID[604743](#)**Gene Ontology**[Hyperlink](#)**Gene 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 methyl arginines, which in turn inhibit nitric oxide synthase activity. [provided by RefSeq]

Other Designations

NG, NG-dimethylarginine dimethylaminohydrolase|OTTHUMP00000012304

Disease

- [Cardiovascular Diseases](#)

- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Pre-Eclampsia](#)
- [Stroke](#)
- [Thrombosis](#)
- [Tobacco Use Disorder](#)