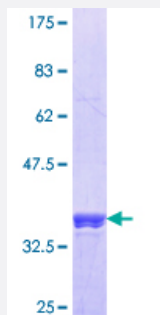


DDAH1 (Human) Recombinant Protein (Q01)

Catalog # H00023576-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DDAH1 partial ORF (NP_036269.1, 181 a.a. - 285 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	AGPNLIAIGSSESAQKALKIMQQMSDHRDKLTVPDDIAANCYLNIPNKGHVLLHRTPEEYPESAK VYEKLKDHMLIPVSMSELEKVDGLLTCCSVLINKKVDS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.29
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
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](#)