

DDAH1, 1-285aa, Human, His tag, E.coli

Cat.NO.: TP01850

3th Edition

Synonyms:Dimethylarginine dimethylaminohydrolase 1, DDAH, DDAHI, Dimethylargininase-1

Description:Dimethylarginine dimethylaminohydrolase 1, also known DDAH1, belongs to the dimethylarginine dimethylaminohydrolase gene family. The DDAH1 plays a role in nitric oxide generation by regulating cellular concentrations of methylarginines, which in turn inhibit nitric oxide synthase activity.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT,10% glycerol, 50mM NaCl

Molecular Weight:33.5 kDa (308aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMAGLGHPAAFG RATHAVVRALPESLGQHALRSAKGEEVDVARAERQHQLY
VGVLGSKLGLQVVELPADESLPDCVFVEDVAVVCEETALITRPGAPSRRKEVDMMEALEKLQLNIVEMKDENATL
DGGDVLFTGREFFVGLSKRTNQRGAELADTFKDYAVSTVPVADGLHLKSFCSMAGPNLIAIGSSESAQKALKIMQQ
MSDHRDYDKLTPDDIAANCIYLNIPNKGHVLLHRTPEEYPESAKVYEKLDHMLIPVSMSELEKVDGLLTCCSVLINK
KVDS

Purity:> 95% by HPLC

Concentration:1.0 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.