



# Recombinant Human N (G),N (G)-dimethylarginine dimethylaminohydrolase 1 (DDAH1)

<b>Product Code</b>	CSB-YP006579HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O94760
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	AGLGHPAAF GRATHAVVRA LPESLGQHAL RSAKGEEVDV ARAERQHQLY VGVLGSKLGL QVVLPAPDES LPDCVFVEDV AVVCEETALI TRPGAPSRRK EVDMMKEALE KLQLNIVEMK DENATLDGGD VLFTGREFFV GLSKRTNQRG AEILADTFKD YAVSTVPVAD GLHLKSFCSM AGPNLIAIGS SESAQKALKI MQQMSDHRYD KLTVPDDIAA NCIYLNIPNK GHVLLHRTPE EYPESAKVYE KLKDHMLIPV SMSELEKVDG LLTCCSVLIN KKVDS
<b>Source</b>	Yeast
<b>Target Names</b>	DDAH1
<b>Protein Names</b>	Recommended name: N(G),N(G)-dimethylarginine dimethylaminohydrolase 1 Short name= DDAH-1 Short name= Dimethylarginine dimethylaminohydrolase 1 EC= 3.5.3.18 Alternative name(s): DDAHI Dimethylargininase-1
<b>Expression Region</b>	2-285
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.