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

Product Code	CSB-MP006579HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O94760
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	AGLGHPAAF GRATHAVVRA LPESLGQHAL RSAKGEEVDV ARAERQHQLY VGVLGSKLGL QVVELPADES LPDCVFVEDV AVVCEETALI TRPGAPSRRK EVDMMKEALE KLQLNIVEMK DENATLDGGD VLFTGREFFV GLSKRTNQRG AEILADTFKD YAVSTVPVAD GLHLKSFCSM AGPNLIAIGS SESAQKALKI MQQMSDHRYD KLTVPDDIAA NCIYLNIPNK GHVLLHRTPE EYPESAKVYE KLKDHMLIPV SMSELEKVDG LLTCCSVLIN KKVDS
Source	Mammalian cell
Target Names	DDAH1
Protein Names	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
Expression Region	2-285
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	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.
Shelf Life	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.