

Product datasheet

Recombinant Human DDAH1 protein ab99863

2 Images

Description	
Product name	Recombinant Human DDAH1 protein
Purity	> 95 % SDS-PAGE. ab99863 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>O94760</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMG SMAGLGHPAAFG RATHAVVRALPESLGQ HALRSAKGEEVDVARAERQHQLYVGVLGSKLGLQVVELP ADESLPDCVFV EDVAVVCEETALITRPGAPSRRKEVDMMKEALEKLQLNIV EMKDENATLD GGDVLFTGREFFVGLSKRTNQRGAELADTFKDYAVSTVP VADGLHLKSF CSMAGPNLIAIGSSESAQKALKIMQQMSDHRDYLKLTVPDDI AANCMLNI PNKGVLLHRTPEEYPESAKVYEKLKDHMLIPVSMSELEK VDGLLTCCSV LINKKVDS
Predicted molecular weight	34 kDa including tags
Amino acids	1 to 285
Tags	His tag N-Terminus

Specifications	
Our Abpromise guarantee covers the use of ab99863 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	Western blot SDS-PAGE Mass Spectrometry

Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.29% Sodium chloride
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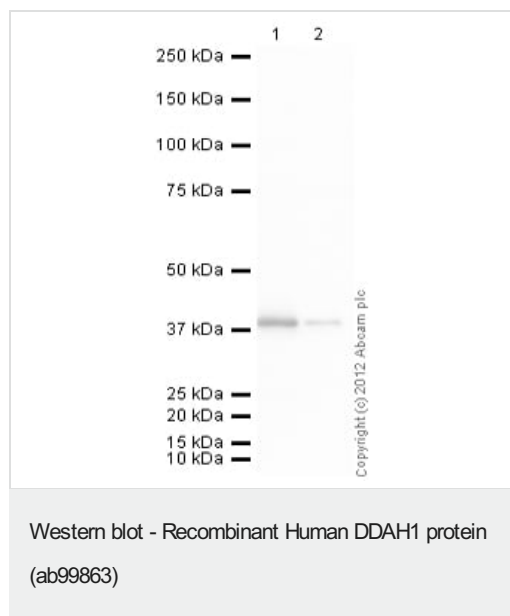
General Info

Function	Hydrolyzes N(G),N(G)-dimethyl-L-arginine (ADMA) and N(G)-monomethyl-L-arginine (MMA) which act as inhibitors of NOS. Has therefore a role in the regulation of nitric oxide generation.
Tissue specificity	Detected in brain, liver, kidney and pancreas, and at low levels in skeletal muscle.
Sequence similarities	Belongs to the DDAH family.

Images



15% SDS-PAGE showing ab99863 (3µg).



Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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