

Product datasheet for **RC225195**

DDAH1 (NM_001134445) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: DDAH1 (NM_001134445) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: DDAH1
Synonyms: DDAH; DDAH-1; DDAHI; HEL-S-16
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC225195 representing NM_001134445
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATGAAAGAAGCATTAGAAAACTTCAGCTCAATATAGTAGAGATGAAAGATGAAAAATGCAACTTTAG
ATGGCGGAGATGTTTTATTCACAGGCAGAGAATTTTTGTGGCCTTTCCAAAAGGACAAATCAACGAGG
TGCTGAAATCTTGGCTGATACTTTAAGGACTATGCAGTCTCCACAGTCCAGTGGCAGATGGGTTGCAT
TTGAAGAGTTTCTGCAGCATGGCTGGCCCTAACCTGATCGCAATTGGGTCTAGTGAATCTGCACAGAAGG
CCCTTAAGATCATGCAACAGATGAGTGACCACCGCTACGACAACTCACTGTGCCTGATGACATAGCAGC
AAACTGTATATATCTAAATATCCCAACAAAGGGCACGTCTTGCTGCACCGAACCCCGGAAGAGTATCCA
GAAAGTGCAAAGGTTTATGAGAACTGAAGGACCATATGCTGATCCCCGTGAGCATGTCTGAACTGGAAA
AGGTGGATGGGCTGCTCACCTGCTGCTCAGTTTTAATTAACAAGAAAGTAGACTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC225195 representing NM_001134445
Red=Cloning site Green=Tags(s)

MMKEALEKLQLNIVEMKDENATLDGGDVLFTGREFFVGLSKRTNQRGAEILADTFKDYAVSTVPVADGLH
LKSFCSMAGPNLIAIGSSESAQKALKIMQQMSDHRVDKLTVPDDIAANCIYLNIPNKGHLLHRTPEEYP
ESAKVYEKLDHMLIPVSMSELEKVDGLLTCCSVL INKKVDS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja1465_a05.zip

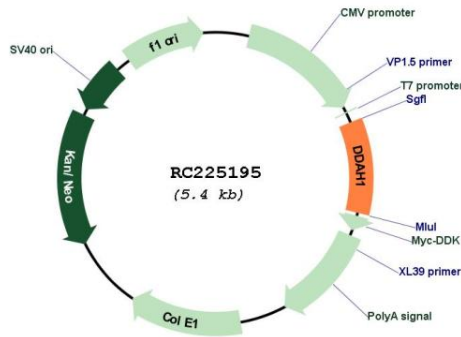


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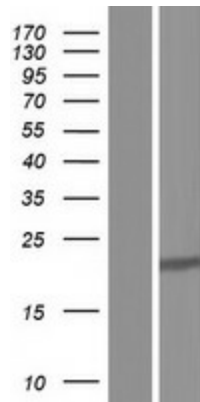
MW: 20 kDa

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 methylarginines, which in turn inhibit nitric oxide synthase activity. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC225195



Western blot validation of overexpression lysate (Cat# [LY427443]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC225195 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).