

Product datasheet for **RC200287L4V**

DDAH2 (NM_013974) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DDAH2 (NM_013974) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DDAH2
Synonyms:	DDAH; DDAHII; G6a; HEL-S-277; NG30
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_013974
ORF Size:	855 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200287).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_013974.1
RefSeq Size:	1351 bp
RefSeq ORF:	858 bp
Locus ID:	23564
UniProt ID:	O95865
Cytogenetics:	6p21.33
Domains:	Amidinotransf
MW:	29.6 kDa



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Gene Summary:

This gene encodes a dimethylarginine dimethylaminohydrolase. The encoded enzyme functions in nitric oxide generation by regulating the cellular concentrations of methylarginines, which in turn inhibit nitric oxide synthase activity. The protein may be localized to the mitochondria. Alternative splicing resulting in multiple transcript variants. [provided by RefSeq, Dec 2014]