

Product datasheet for RR210398L4V

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Agxt2 (NM_031835) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Agxt2 (NM 031835) Rat Tagged ORF Clone Lentiviral Particle

Symbol: Agxt2 Synonyms: AGT2

Mammalian Cell Puromycin

Selection:

Vector:

pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM_031835 **ORF Size:** 1536 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RR210398).

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Sequence:

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.

RefSeg: NM 031835.2, NP 114023.1

 RefSeq Size:
 1946 bp

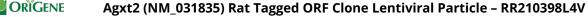
 RefSeq ORF:
 1539 bp

 Locus ID:
 83784

 UniProt ID:
 Q64565

 Cytogenetics:
 2q16







Gene Summary:

Can metabolize asymmetric dimethylarginine (ADMA) via transamination to alpha-keto-delta-(NN-dimethylguanidino) valeric acid (DMGV). ADMA is a potent inhibitor of nitric-oxide (NO) synthase, and this activity provides mechanism through which the kidney regulates blood pressure (By similarity).[UniProtKB/Swiss-Prot Function]