

Product datasheet for RC201194L4V

OriGene Technologies, Inc.

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ASNA1 (GET3) (NM_004317) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: ASNA1 (GET3) (NM_004317) Human Tagged ORF Clone Lentiviral Particle

Symbol: GET3

Synonyms: ARSA-I; ARSA1; ASNA-I; ASNA1; TRC40

Mammalian Cell

Selection:

Puromycin

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

Tag: mGFP

ACCN: NM_004317 **ORF Size:** 1044 bp

ORF Nucleotide

OTI Disclaimer:

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Sequence:

The ORF insert of this clone is exactly the same as(RC201194).

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: <u>NM 004317.2</u>

RefSeq Size:1298 bpRefSeq ORF:1047 bp

Locus ID: 439

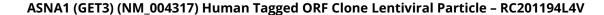
 UniProt ID:
 O43681

 Cytogenetics:
 19p13.13

Domains: ArsA ATPase

MW: 38.8 kDa







Gene Summary:

This gene represents the human homolog of the bacterial arsA gene, encoding the arsenite-stimulated ATPase component of the arsenite transporter responsible for resistance to arsenicals. This protein is also a central component of a transmembrane domain (TMD) recognition complex (TRC) that is involved in the post-translational delivery of tail-anchored (TA) proteins from the cytosol to the endoplasmic reticulum (ER). It recognizes and selectively binds the TMD of TA proteins in the cytosol, and delivers them to the ER for insertion. [provided by RefSeq, Oct 2011]