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Product datasheet for RC201194L3V

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-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_004317
ORF Size:	1044 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC201194).`
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_004317.2
RefSeq Size:	1298 bp
RefSeq ORF:	1047 bp
Locus ID:	439
UniProt ID:	O43681
Cytogenetics:	19p13.13
Domains:	ArsA_ATPase
MW:	38.8 kDa

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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]