

Product datasheet for **RC201782L2V**

AHA1 (AHSA1) (NM_012111) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	AHA1 (AHSA1) (NM_012111) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AHA1
Synonyms:	AHA1; C14orf3; hAha1; p38
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_012111
ORF Size:	1014 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201782).
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_012111.1
RefSeq Size:	1429 bp
RefSeq ORF:	1017 bp
Locus ID:	10598
UniProt ID:	O95433
Cytogenetics:	14q24.3
Domains:	DUF704
MW:	38.3 kDa



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Gene Summary:

Acts as a co-chaperone of HSP90AA1 (PubMed:29127155). Activates the ATPase activity of HSP90AA1 leading to increase in its chaperone activity (PubMed:29127155). Competes with the inhibitory co-chaperone FNIP1 for binding to HSP90AA1, thereby providing a reciprocal regulatory mechanism for chaperoning of client proteins (PubMed:27353360). Competes with the inhibitory co-chaperone TSC1 for binding to HSP90AA1, thereby providing a reciprocal regulatory mechanism for chaperoning of client proteins (PubMed:29127155). [UniProtKB/Swiss-Prot Function]