

Product datasheet for **MR216683L4V**

Ahcy12 (NM_001171000) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ahcy12 (NM_001171000) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ahcy12
Synonyms:	4631427C17Rik; Adohcyase3; AI227036; mKIAA0828
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001171000
ORF Size:	1836 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR216683).
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_001171000.2 , NP_001164471.2
RefSeq Size:	5215 bp
RefSeq ORF:	1839 bp
Locus ID:	74340
UniProt ID:	Q68FL4
Cytogenetics:	6 A3.3
Gene Summary:	May regulate the electrogenic sodium/bicarbonate cotransporter SLC4A4 activity and Mg(2+)-sensitivity. On the contrary of its homolog AHCYL1, does not regulate ITPR1 sensitivity to inositol 1,4,5-trisphosphate.[UniProtKB/Swiss-Prot Function]



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