

Product datasheet for **RC217746L2V**

ASAH3L (ACER2) (NM_001010887) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ASAH3L (ACER2) (NM_001010887) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ACER2
Synonyms:	ALKCDase2; ASAH3L
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001010887
ORF Size:	825 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217746).
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_001010887.2
RefSeq Size:	2852 bp
RefSeq ORF:	828 bp
Locus ID:	340485
UniProt ID:	Q5QJU3
Cytogenetics:	9p22.1
Protein Families:	Transmembrane
Protein Pathways:	Metabolic pathways, Sphingolipid metabolism



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MW: 31.1 kDa

Gene Summary: The sphingolipid metabolite sphingosine-1-phosphate promotes cell proliferation and survival, whereas its precursor, sphingosine, has the opposite effect. The ceramidase ACER2 hydrolyzes very long chain ceramides to generate sphingosine (Xu et al., 2006 [PubMed 16940153]).[supplied by OMIM, Jul 2010]