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Product datasheet for RC228360L3V

AADACL1 (NCEH1) (NM_001146276) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	AADACL1 (NCEH1) (NM_001146276) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AADACL1
Synonyms:	AADACL1; NCEH
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001146276
ORF Size:	1344 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC228360).
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_001146276.1, NP_001139748.1
RefSeq ORF:	1251 bp
Locus ID:	57552
UniProt ID:	Q6PIU2
Cytogenetics:	3q26.31
Protein Families:	Transmembrane
MW:	49.7 kDa

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Gene Summary: Hydrolyzes 2-acetyl monoalkylglycerol ether, the penultimate precursor of the pathway for de novo synthesis of platelet-activating factor. May be responsible for cholesterol ester hydrolysis in macrophages, thereby contributing to the development of atherosclerosis. Also involved in organ detoxification by hydrolyzing exogenous organophosphorus compounds. May contribute to cancer pathogenesis by promoting tumor cell migration.[UniProtKB/Swiss-Prot Function]