Product datasheet for MR208850L4V

Abhd16a (NM_178592) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Abhd16a (NM_178592) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Abhd16a
Synonyms:	AI326074; Bat-5; Bat5; D17H6S82E; NG26
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_178592
ORF Size:	1677 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208850).
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_178592.3
RefSeq Size:	1945 bp
RefSeq ORF:	1677 bp
Locus ID:	193742
UniProt ID:	Q9Z1Q2
Cytogenetics:	17 18.59 cM

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Gene Summary: Phosphatidylserine (PS) lipase that mediates the hydrolysis of phosphatidylserine to generate lysophosphatidylserine (LPS) (PubMed:25580854). LPS constitutes a class of signaling lipids that regulates immunological and neurological processes (PubMed:25580854). Has no activity towards diacylglycerol, triacylglycerol or lysophosphatidylserine lipase (By similarity). Also has monoacylglycerol lipase activity, with preference for 1-(9Z,12Z-octadecadienoyl)-glycerol (1-LG) and 2-glyceryl-15-deoxy-Delta(12,14)-prostaglandin J2 (15d-PGJ(2)-G) (PubMed:25290914). [UniProtKB/Swiss-Prot Function]