

Product datasheet for **MR217252L4V**

Aasdh (NM_173765) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Aasdh (NM_173765) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Aasdh
Synonyms:	A230062G08Rik; A830035E16; Acsf4; U26
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_173765
ORF Size:	3303 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR217252).
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_173765.3
RefSeq Size:	3694 bp
RefSeq ORF:	3303 bp
Locus ID:	231326
UniProt ID:	Q80WC9
Cytogenetics:	5 C3.3



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Gene Summary:

The gene product is a cytosolic enzyme involved in the production of alpha-aminoadipic acid from alpha-aminoadipic semialdehyde. It is postulated that this enzyme plays a role in lysine metabolism. There is currently debate regarding this enzyme's putative requirement of pyrroloquinoline quinone as an essential cofactor. A related pseudogene has been identified on chromosome 2. [provided by RefSeq, Jan 2010]