Product datasheet for RC228063L4V

DAOA (NM_001161812) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DAOA (NM_001161812) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DAOA
Synonyms:	LG72; SG72
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001161812
ORF Size:	375 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC228063).
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_001161812.1, NP_001155284.1
RefSeq ORF:	378 bp
Locus ID:	267012
UniProt ID:	P59103
Cytogenetics:	13q34
Protein Families:	Druggable Genome
MW:	14.6 kDa

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Gene Summary: This gene encodes a protein that may function as an activator of D-amino acid oxidase, which degrades the gliotransmitter D-serine, a potent activator of N-methyl-D-aspartate (NMDA) type glutamate receptors. Studies also suggest that one encoded isoform may play a role in mitochondrial function and dendritic arborization. Polymorphisms in this gene have been implicated in susceptibility to schizophrenia and bipolar affective disorder. Alternatively spliced transcript variants encoding different isoforms have been identified.[provided by RefSeq, Mar 2011]