

## Product datasheet for **RC202372L3V**

### **ALDH16A1 (NM\_153329) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	ALDH16A1 (NM_153329) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ALDH16A1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_153329
ORF Size:	2406 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202372).
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. <a href="#">More info</a>
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:	<a href="#">NM_153329.2</a> , <a href="#">NP_699160.1</a>
RefSeq Size:	3119 bp
RefSeq ORF:	2409 bp
Locus ID:	126133
UniProt ID:	<a href="#">Q8IZ83</a>
Cytogenetics:	19q13.33
Domains:	aldedh
Protein Families:	Druggable Genome
MW:	85.1 kDa



[View online »](#)

**Gene Summary:**

This gene encodes a member of the aldehyde dehydrogenase superfamily. The family members act on aldehyde substrates and use nicotinamide adenine dinucleotide phosphate (NADP) as a cofactor. This gene is conserved in chimpanzee, dog, cow, mouse, rat, and zebrafish. The protein encoded by this gene interacts with maspardin, a protein that when truncated is responsible for Mast syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2010]