

## Product datasheet for **RC225133L4V**

### **A2LD1 (GGACT) (NM\_033110) Human Tagged ORF Clone Lentiviral Particle**

#### Product data:

<b>Product Type:</b>	Lentiviral Particles
<b>Symbol:</b>	A2LD1
<b>Synonyms:</b>	A2LD1
<b>Mammalian Cell Selection:</b>	Puromycin
<b>Vector:</b>	pLenti-C-mGFP-P2A-Puro (PS100093)
<b>Tag:</b>	mGFP
<b>ACCN:</b>	NM_033110
<b>ORF Size:</b>	459 bp

**ORF Nucleotide Sequence:** The ORF insert of this clone is exactly the same as(RC225133).

**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.

<b>RefSeq:</b>	<a href="#">NM_033110.1</a>
<b>RefSeq ORF:</b>	462 bp
<b>Locus ID:</b>	87769
<b>UniProt ID:</b>	<a href="#">Q9BVM4</a>
<b>Cytogenetics:</b>	13q32.3
<b>MW:</b>	17.1 kDa



**Gene Summary:**

The protein encoded by this gene aids in the proteolytic degradation of crosslinked fibrin by breaking down isodipeptide L-gamma-glutamyl-L-epsilon-lysine, a byproduct of fibrin degradation. The reaction catalyzed by the encoded gamma-glutamylaminecyclotransferase produces 5-oxo-L-proline and a free alkylamine. Two transcript variants encoding the same protein have been found for this gene.[provided by RefSeq, Aug 2010]