

## Product datasheet for **MR201253L3V**

### Alox5ap (NM\_009663) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Alox5ap (NM_009663) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Alox5ap
Synonyms:	Flap
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_009663
ORF Size:	486 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR201253).
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_009663.1</a> , <a href="#">NP_033793.1</a>
RefSeq Size:	872 bp
RefSeq ORF:	486 bp
Locus ID:	11690
UniProt ID:	<a href="#">P30355</a>
Cytogenetics:	5 G3



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**Gene Summary:**

Required for leukotriene biosynthesis by ALOX5 (5-lipoxygenase). Anchors ALOX5 to the membrane. Binds arachidonic acid, and could play an essential role in the transfer of arachidonic acid to ALOX5. Binds to MK-886, a compound that blocks the biosynthesis of leukotrienes (By similarity).[UniProtKB/Swiss-Prot Function]