

## Product datasheet for **MR206472L3V**

### Ass1 (NM\_007494) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Ass1 (NM_007494) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ass1
Synonyms:	AA408052; ASS; Ass-1; fold
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_007494
ORF Size:	1239 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206472).
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_007494.3</a>
RefSeq Size:	1631 bp
RefSeq ORF:	1239 bp
Locus ID:	11898
UniProt ID:	<a href="#">P16460</a>
Cytogenetics:	2 21.81 cM



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**Gene Summary:**

One of the enzymes of the urea cycle, the metabolic pathway transforming neurotoxic ammonia produced by protein catabolism into innocuous urea in the liver of ureotelic animals. Catalyzes the formation of arginosuccinate from aspartate, citrulline and ATP and together with ASL it is responsible for the biosynthesis of arginine in most body tissues.  
[UniProtKB/Swiss-Prot Function]