

## Product datasheet for **MR222053L3V**

### Ap3s1 (NM\_009681) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Ap3s1 (NM_009681) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ap3s1
Synonyms:	[s]
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_009681
ORF Size:	579 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222053).
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_009681.4</a> , <a href="#">NP_033811.1</a>
RefSeq Size:	1479 bp
RefSeq ORF:	582 bp
Locus ID:	11777
UniProt ID:	<a href="#">Q9DCR2</a>
Cytogenetics:	18 C



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**Gene Summary:**

This gene encodes the sigma subunit of the heterotetrameric adaptor protein complex AP-3 which is involved in the formation of specialized lysosome-related compartments such as melanosomes. Alternate splicing of this gene results in multiple transcript variants encoding different isoforms. Pseudogenes of this gene are found on chromosomes 1, 8, 16, 17 and X. [provided by RefSeq, Dec 2014]