

## Product datasheet for **RR201663L4V**

### Asap1 (NM\_001044245) Rat Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Asap1 (NM_001044245) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Asap1
Synonyms:	Ddef1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001044245
ORF Size:	3432 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR201663).
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_001044245.1</a> , <a href="#">NP_001037710.1</a>
RefSeq Size:	3435 bp
RefSeq ORF:	3435 bp
Locus ID:	314961
UniProt ID:	<a href="#">Q1AAU6</a>
Cytogenetics:	7q33



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**Gene Summary:**

Possesses phosphatidylinositol 4,5-bisphosphate-dependent GTPase-activating protein activity for ARF1 (ADP ribosylation factor 1) and ARF5 and a lesser activity towards ARF6. May coordinate membrane trafficking with cell growth or actin cytoskeleton remodeling by binding to both SRC and PIP2. May function as a signal transduction protein involved in the differentiation of fibroblasts into adipocytes and possibly other cell types. Plays a role in ciliogenesis (By similarity).[UniProtKB/Swiss-Prot Function]