

## Product datasheet for **MR226345L3V**

### Cd2ap (NM\_009847) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Cd2ap (NM_009847) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cd2ap
Synonyms:	AL024079; C78928; Mets; METS-; METS-1; Mets1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_009847
ORF Size:	1911 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226345).
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_009847.3</a>
RefSeq Size:	5427 bp
RefSeq ORF:	1914 bp
Locus ID:	12488
UniProt ID:	<a href="#">Q9JLQ0</a>
Cytogenetics:	17 B3



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**Gene Summary:**

This gene encodes a scaffolding molecule that regulates the actin cytoskeleton. The protein directly interacts with filamentous actin and a variety of cell membrane proteins through multiple actin binding sites, SH3 domains, and a proline-rich region containing binding sites for SH3 domains. The cytoplasmic protein localizes to membrane ruffles, lipid rafts, and the leading edges of cells. It is implicated in dynamic actin remodeling and membrane trafficking that occurs during receptor endocytosis and cytokinesis. The mouse genome contains at least two pseudogenes located on chromosomes 9 and 17. [provided by RefSeq, Jul 2008]