

## Product datasheet for **MR219136L4V**

### Chml (NM\_021350) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Chml (NM_021350) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Chml
Synonyms:	AI450814; E030003F13Rik; REP-2; Rep2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021350
ORF Size:	1863 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR219136).
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_021350.2</a> , <a href="#">NP_067325.2</a>
RefSeq Size:	6117 bp
RefSeq ORF:	1866 bp
Locus ID:	12663
UniProt ID:	<a href="#">Q9QZD5</a>
Cytogenetics:	1 81.7 cM



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**Gene Summary:**

Substrate-binding subunit (component A) of the Rab geranylgeranyltransferase (GGTase) complex. Binds unprenylated Rab proteins and presents the substrate peptide to the catalytic component B. The component A is thought to be regenerated by transferring its prenylated Rab back to the donor membrane. Less effective than CHM in supporting prenylation of Rab3 family (By similarity).[UniProtKB/Swiss-Prot Function]