

Product datasheet for **MR221847L4V**

Cmah (NM_007717) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

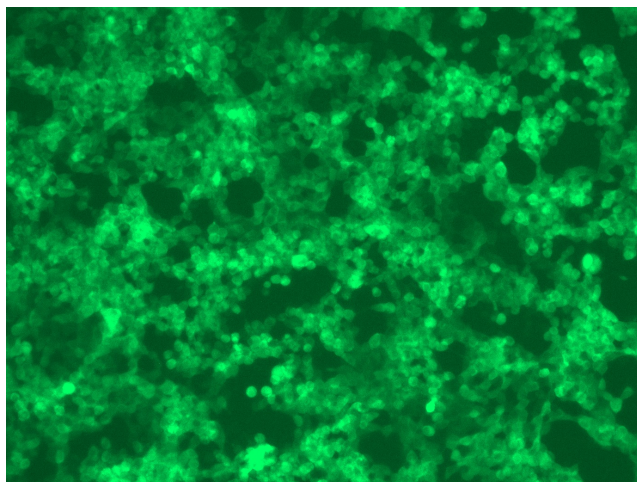
Product Type:	Lentiviral Particles
Product Name:	Cmah (NM_007717) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cmah
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007717
ORF Size:	1731 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221847).
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. More info
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:	NM_007717.4 , NP_031743.3
RefSeq Size:	9397 bp
RefSeq ORF:	1734 bp
Locus ID:	12763
UniProt ID:	Q61419
Cytogenetics:	13 A3.1



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Gene Summary:

Sialic acids are components of carbohydrate chains of glycoconjugates and are involved in cell-cell recognition and cell-pathogen interactions. Catalyzes the conversion of CMP-N-acetylneuraminic acid (CMP-Neu5Ac) into its hydroxylated derivative CMP-N-glycolylneuraminic acid (CMP-Neu5Gc), a sialic acid abundantly expressed at the surface of many cells.[UniProtKB/Swiss-Prot Function]

Product images:

[MR221847L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with MR221847L4V particle to overexpress human Cmah-mGFP fusion protein.