

## Product datasheet for **MR217955L4V**

### Cemip (NM\_030728) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Cemip (NM_030728) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cemip
Synonyms:	12H19.01.T7; 6330404C01Rik; 9930013L23Rik; AY007814; Kiaa1199
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_030728
ORF Size:	4086 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR217955).
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_030728.4</a>
RefSeq Size:	7114 bp
RefSeq ORF:	4086 bp
Locus ID:	80982
UniProt ID:	<a href="#">Q8BI06</a>
Cytogenetics:	7 48.35 cM



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**Gene Summary:**

Mediates depolymerization of hyaluronic acid (HA) via the cell membrane-associated clathrin-coated pit endocytic pathway. Binds to hyaluronic acid. Hydrolyzes high molecular weight hyaluronic acid to produce an intermediate-sized product, a process that may occur through rapid vesicle endocytosis and recycling without intracytoplasmic accumulation or digestion in lysosomes. Involved in hyaluronan catabolism in the dermis of the skin and arthritic synovium. Positively regulates epithelial-mesenchymal transition (EMT), and hence tumor cell growth, invasion and cancer dissemination. In collaboration with HSPA5/BIP, promotes cancer cell migration in a calcium and PKC-dependent manner. May be involved in hearing. [UniProtKB/Swiss-Prot Function]