

Product datasheet for **MR211868L4V**

Emsy (NM_172280) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Emsy (NM_172280) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Emsy
Synonyms:	2210018M11Rik; 2310016L09Rik; AU019521; AU019557
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_172280
ORF Size:	3792 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211868).
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_172280.2 , NP_758484.2
RefSeq Size:	4031 bp
RefSeq ORF:	3795 bp
Locus ID:	233545
UniProt ID:	Q8BMB0
Cytogenetics:	7 E1



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Gene Summary:

Regulator which is able to repress transcription, possibly via its interaction with a multiprotein chromatin remodeling complex that modifies the chromatin. Its interaction with BRCA2 suggests that it may play a central role in the DNA repair function of BRCA2 (By similarity). As part of a H3-specific methyltransferase complex may mediate ligand-dependent transcriptional activation by nuclear hormone receptors (By similarity).[UniProtKB/Swiss-Prot Function]