

Product datasheet for **MR218737L4V**

Nemf (NM_025441) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Nemf (NM_025441) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Nemf
Synonyms:	1500011112Rik; 4933405E14Rik; Sdccag1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_025441
ORF Size:	3192 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218737).
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_025441.3 , NP_079717.2
RefSeq Size:	3737 bp
RefSeq ORF:	3195 bp
Locus ID:	66244
UniProt ID:	Q8CCP0
Cytogenetics:	12 C2



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Gene Summary:

Component of the ribosome quality control complex (RQC), a ribosome-associated complex that mediates ubiquitination and extraction of incompletely synthesized nascent chains for proteasomal degradation. NEMF is responsible for selective recognition of stalled 60S subunits by recognizing an exposed, nascent chain-conjugated tRNA moiety. Nemf is important for the stable association of Ltn1 to the complex. May indirectly play a role in nuclear export.[UniProtKB/Swiss-Prot Function]