

Product datasheet for MR218737L2V

Nemf (NM_025441) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Nemf (NM_025441) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Nemf |
| Synonyms: | 1500011112Rik; 4933405E14Rik; Sdccag1 |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| 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: | <p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p> |
| 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 |



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Locus ID: 66244

UniProt ID: [Q8CCP0](#)

Cytogenetics: 12 C2

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]