

Product datasheet for **RC209733L2V**

BMF (NM_001003940) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | BMF (NM_001003940) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | BMF |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_001003940 |
| ORF Size: | 552 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC209733). |
| 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_001003940.1 |
| RefSeq Size: | 4700 bp |
| RefSeq ORF: | 555 bp |
| Locus ID: | 90427 |
| UniProt ID: | Q96LC9 |
| Cytogenetics: | 15q15.1 |
| Protein Families: | Druggable Genome |
| MW: | 20.5 kDa |



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Gene Summary:

The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein contains a single BCL2 homology domain 3 (BH3), and has been shown to bind BCL2 proteins and function as an apoptotic activator. This protein is found to be sequestered to myosin V motors by its association with dynein light chain 2, which may be important for sensing intracellular damage and triggering apoptosis. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]