

Product datasheet for **MR203728L3V**

Batf2 (NM_028967) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

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| Product Type: | Lentiviral Particles |
| Product Name: | Batf2 (NM_028967) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Batf2 |
| Synonyms: | 4933430F08Rik; B-ATF-2 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_028967 |
| ORF Size: | 834 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR203728). |
| 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_028967.1 |
| RefSeq Size: | 1433 bp |
| RefSeq ORF: | 834 bp |



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Locus ID: 74481

UniProt ID: [Q8R1H8](#)

Cytogenetics: 19 A

Gene Summary: AP-1 family transcription factor that controls the differentiation of lineage-specific cells in the immune system. Selectively suppresses CCN1 transcription and hence blocks the downstream cell proliferation signals produced by CCN1 and inhibits CCN1-induced anchorage-independent growth and invasion in several cancer types. Possibly acts by interfering with AP-1 binding to CCN1 promoter (By similarity). Following infection, participates in the differentiation of CD8(+) thymic conventional dendritic cells in the immune system. Acts via the formation of a heterodimer with JUN family proteins that recognizes and binds DNA sequence 5'-TGA[CG]TCA-3' and regulates expression of target genes. [UniProtKB/Swiss-Prot Function]