

Product datasheet for **MR224969L4V**

Batf3 (NM_030060) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

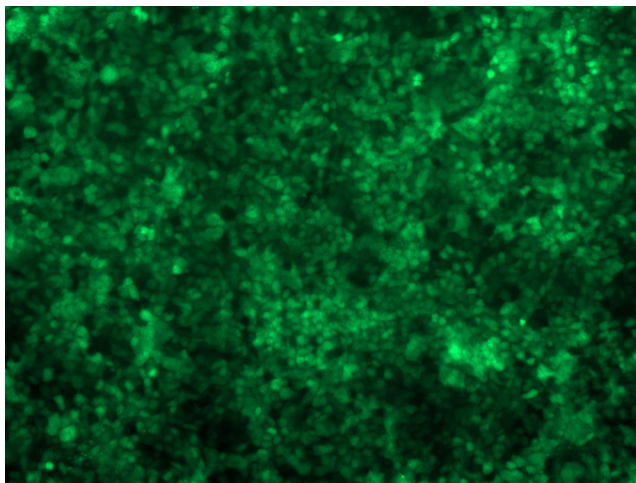
Product Type:	Lentiviral Particles
Product Name:	Batf3 (NM_030060) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Batf3
Synonyms:	9130211I03Rik; Snft
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_030060
ORF Size:	357 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224969).
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_030060.2 , NP_084336.1
RefSeq Size:	712 bp
RefSeq ORF:	357 bp
Locus ID:	381319
UniProt ID:	Q9D275
Cytogenetics:	1 H6



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Gene Summary:

AP-1 family transcription factor that controls 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. Required for development of CD8-alpha(+) classical dendritic cells (cDCs) and related CD103(+) dendritic cells that cross-present antigens to CD8 T-cells and produce interleukin-12 (IL12) in response to pathogens.[UniProtKB/Swiss-Prot Function]

Product images:

[MR224969L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with MR224969L4V particle to overexpress human Batf3-mGFP fusion protein.