OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MR206291L3V

Tnfrsf11b (NM_008764) Mouse Tagged ORF Clone Lentiviral Particle

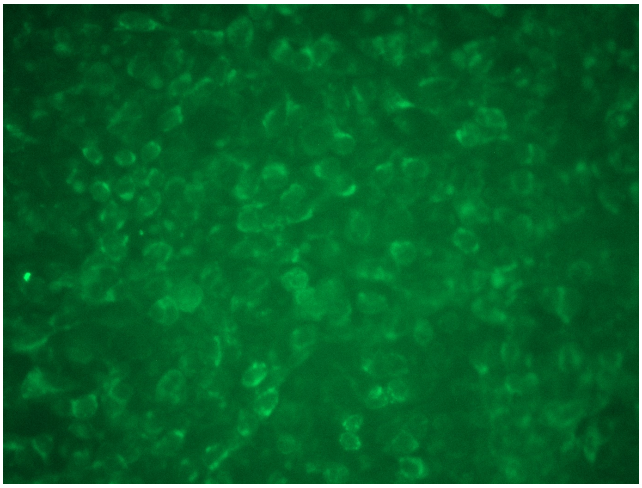
Product data:

Product Type:	Lentiviral Particles
Product Name:	Tnfrsf11b (NM_008764) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tnfrsf11b
Synonyms:	OCIF; Opg; TR1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_008764
ORF Size:	1206 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(MR206291).`
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_008764.3, NP_032790.3
RefSeq Size:	2818 bp
RefSeq ORF:	1206 bp
Locus ID:	18383
UniProt ID:	O08712
Cytogenetics:	15 D1

View online »

Gene Summary: Acts as decoy receptor for TNFSF11/RANKL and thereby neutralizes its function in osteoclastogenesis. Inhibits the activation of osteoclasts and promotes osteoclast apoptosis in vitro. Bone homeostasis seems to depend on the local ratio between TNFSF11 and TNFRSF11B. May also play a role in preventing arterial calcification. May act as decoy receptor for TNFSF10/TRAIL and protect against apoptosis. TNFSF10/TRAIL binding blocks the inhibition of osteoclastogenesis.[UniProtKB/Swiss-Prot Function]

Product images:



[MR206291L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with MR206291L3V particle to overexpress human Tnfrsf11b-Myc-DDK fusion protein.