

Product datasheet for **MR207144L4V**

Def8 (NM_054046) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Def8 (NM_054046) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Def8
Synonyms:	AI449518; D8Ertd713e; DEF-8
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_054046
ORF Size:	1344 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207144).
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_054046.5 , NP_473387.1
RefSeq Size:	3786 bp
RefSeq ORF:	1347 bp
Locus ID:	23854
UniProt ID:	Q99J78
Cytogenetics:	8 72.1 cM
Gene Summary:	Positively regulates lysosome peripheral distribution and ruffled border formation in osteoclasts (PubMed:27777970). Involved in bone resorption (PubMed:27777970). [UniProtKB/Swiss-Prot Function]



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