

# Product datasheet for RC204556L1

# MRGPRF (NM\_145015) Human Tagged Lenti ORF Clone

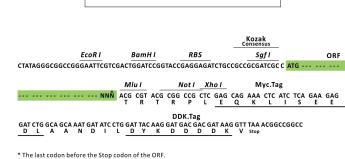
### **Product data:**

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**OriGene Technologies, Inc.** 

9620 Medical Center Drive, Ste 200

Product Type:	Expression Plasmids
Product Name:	MRGPRF (NM_145015) Human Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	MRGPRF
Synonyms:	GPR140; GPR168; MRGF; RTA
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204556).
<b>Restriction Sites:</b>	Sgfl-Mlul
Cloning Scheme:	
	Cloning sites used for ORF Shuttling: Sgf 1 ORF Mlu 1 GCG ATC GC ATG// NNN ACG CGT



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ACCN: ORF Size: NM\_145015 1029 bp

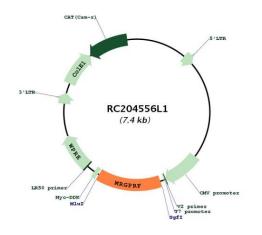


This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

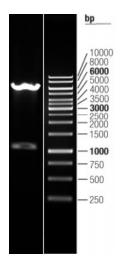
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OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), 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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol>
RefSeq:	<u>NM 145015.2</u>
RefSeq Size:	2308 bp
RefSeq ORF:	1032 bp
Locus ID:	116535
UniProt ID:	<u>Q96AM1</u>
Cytogenetics:	11q13.3
Domains:	7tm_1
MW:	38.2 kDa
Gene Summary:	Orphan receptor. May bind to a neuropeptide and may regulate nociceptor function and/or development, including the sensation or modulation of pain (By similarity).[UniProtKB/Swiss- Prot Function]

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# **Product images:**



Circular map for RC204556L1



Double digestion of RC204556L1 using Sgfl and Mlul

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