

Product datasheet for RC220379L1

GPR19 (NM_006143) Human Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids					
Product Name:	GPR19 (NM_006143) Human Tagged Lenti ORF Clone					
Tag:	Myc-DDK					
Symbol:	GPR19					
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(RC220379).					
Restriction Sites:	Sgfl-Mlul					
Cloning Scheme:						
		Cloning si	tes used for ORF Sh	uttling:		
			Sgf I GCG ATC GC C ATC	ORF 8// NNŇ	Mlu I ACG CGT	
					Kozak Consensus	
	CTATAGGGCGGC	EcoR I	BamH I		<i>Sgf I</i> IGCCGCCGCGATCGC C	ORF
	STATAGGGGGGG					

 $\frac{M[u]}{r} = \frac{Not I}{R} \frac{Xho I}{E}$ Myc.Tag $\frac{M[u]}{r} = \frac{Not I}{R} \frac{Xho I}{F}$ Myc.Tag $\frac{ACG}{T} CGG CGG CGG CGG CTC GAG CAG AAA CTC ATC TCA GAA GAG
T R T R P L E Q K L I S E E
DDK.Tag
DDK.Tag$

GAT CTG GCA GCA AAT GAT ATC CTG GAT TAC AAG GAT GAC GAC GAC GAT AAG GTT TAA ACGGCCGGCC _______ A A N D I L _____ Y K D D D D K V Stop

* The last codon before the Stop codon of the ORF.

ACCN: ORF Size: NM_006143 1245 bp

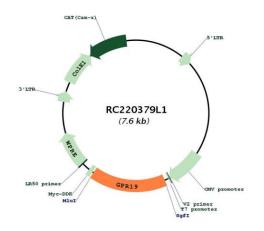


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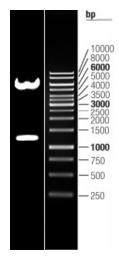
) (NM_006143) Human Tagged Lenti ORF Clone – RC220379L1
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to 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 <u>custsupport@origene.com</u> or by calling 301.340.3188 option 3 for pricing and delivery.
	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:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
RefSeq:	<u>NM 006143.1</u>
RefSeq Size:	1409 bp
RefSeq ORF:	1248 bp
Locus ID:	2842
UniProt ID:	<u>Q15760</u>
Cytogenetics:	12p13.1
Protein Families:	Druggable Genome, GPCR, Transmembrane
MW:	47.5 kDa
Gene Summary:	Orphan receptor.[UniProtKB/Swiss-Prot Function]

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Product images:



Circular map for RC220379L1



Double digestion of RC220379L1 using Sgfl and Mlul

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