

Product datasheet for RC207204L2

GPR6 (NM_005284) Human Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids
Product Name:	GPR6 (NM_005284) Human Tagged Lenti ORF Clone
Tag:	mGFP
Symbol:	GPR6
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207204).
Restriction Sites:	Sgfl-Mlul
Cloning Scheme:	
	Cloning sites used for ORF Shuttling:
	Sgfi ORF Miu i
	GCG ATC GCC ATG// NNN ACG CGT
	Kozak Consensus
	EcoR I BamH I RBS Sgf I ORF CTATAGGGCGGGCGGGGAATTCGTCGGATCGGGATCGGCGGGAGATCGCCGGGACGCC ATG

<u>Mlul</u><u>Notl_Xhol</u>mGFP Tag ACG CGT ACG CGG CCG CTG AGG GGG GGC ------T R T P L E <u>Pmel</u> ------- GGA CTC AGA TAA GTT TAA ACGGCCGGCGCGGG G L R Stor

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

ACCN: ORF Size: NM_005284 1086 bp

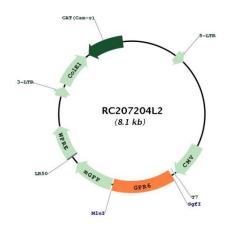


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GPR6	NM_005284) Human Tagged Lenti ORF Clone – RC207204L2
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ 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:	 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 005284.2</u>
RefSeq Size:	1667 bp
RefSeq ORF:	1089 bp
Locus ID:	2830
UniProt ID:	<u>P46095</u>
Cytogenetics:	6q21
Protein Families:	Druggable Genome, GPCR, Transmembrane
MW:	37.7 kDa
Gene Summary:	Orphan receptor with constitutive G(s) signaling activity that activate cyclic AMP. Promotes neurite outgrowth and blocks myelin inhibition in neurons (By similarity).[UniProtKB/Swiss-Prot Function]

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Product images:



Circular map for RC207204L2

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