

Product datasheet for RC211695

GPR125 (ADGRA3) (NM_145290) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR125 (ADGRA3) (NM_145290) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	GPR125
Synonyms:	GPR125; PGR21; TEM5L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC211695 representing NM_145290 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence: >RC211695 representing NM_145290
Red=Cloning site Green=Tags(s)

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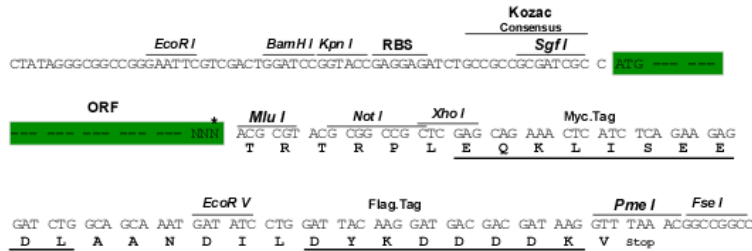
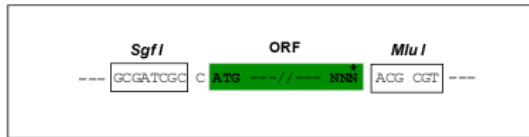
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Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



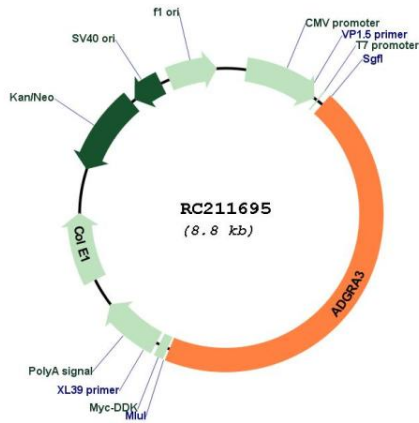
* The last codon before the Stop codon of the ORF

ACCN: NM_145290

ORF Size: 3963 bp

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.
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 style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. 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:	NM_145290.4
RefSeq Size:	4576 bp
RefSeq ORF:	3966 bp
Locus ID:	166647
UniProt ID:	Q8IWK6
Cytogenetics:	4p15.2
Domains:	IG
Protein Families:	Druggable Genome, GPCR, Transmembrane
MW:	146 kDa
Gene Summary:	This gene encodes a member of the G protein-coupled receptor superfamily. This membrane protein may play a role in tumor angiogenesis through its interaction with the human homolog of the Drosophila disc large tumor suppressor gene. This gene is mapped to a candidate region of chromosome 4 which may be associated with bipolar disorder and schizophrenia. [provided by RefSeq, Oct 2012]

Product images:



Circular map for RC211695