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Product datasheet for RC230897

PLA2R (PLA2R1) (NM_001195641) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PLA2R (PLA2R1) (NM_001195641) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PLA2R1
Synonyms:	CLEC13C; PLA2-R; PLA2G1R; PLA2IR; PLA2R
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC230897 representing NM_001195641 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence:

>RC230897 representing NM_001195641
Red=Cloning site Green=Tags(s)

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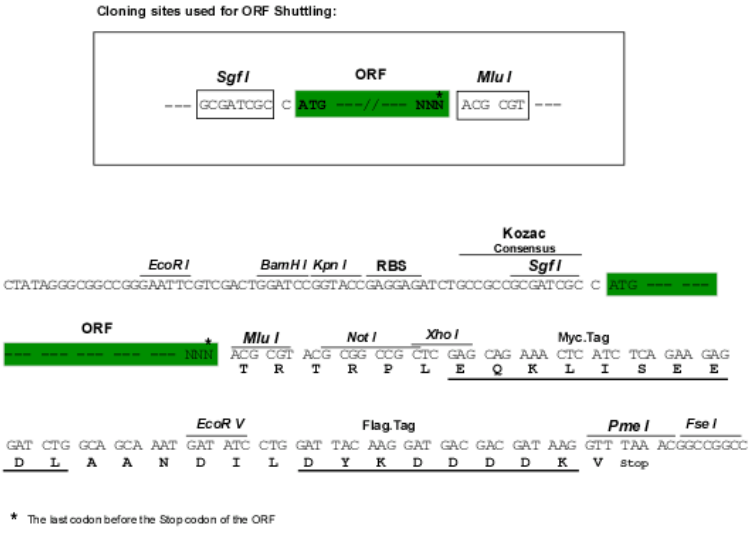
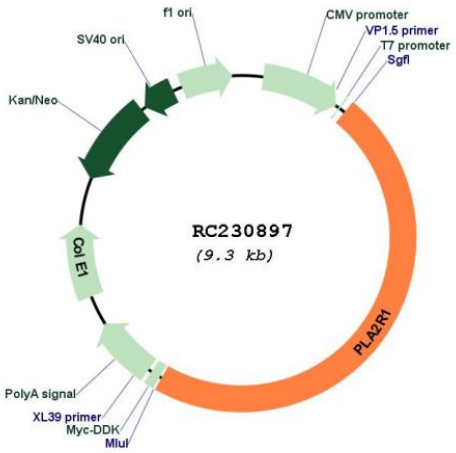
Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_001195641
ORF Size:	4383 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:	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_001195641.2
RefSeq Size:	5627 bp
RefSeq ORF:	4386 bp
Locus ID:	22925
UniProt ID:	Q13018
Cytogenetics:	2q24.2
Protein Families:	Druggable Genome, Transmembrane
MW:	168.4 kDa
Gene Summary:	This gene represents a phospholipase A2 receptor. The encoded protein likely exists as both a transmembrane form and a soluble form. The transmembrane receptor may play a role in clearance of phospholipase A2, thereby inhibiting its action. Polymorphisms at this locus have been associated with susceptibility to idiopathic membranous nephropathy. Alternatively spliced transcript variants encoding different isoforms have been identified.[provided by RefSeq, Sep 2010]