

Product datasheet for RC210587L4

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OriGene Technologies, Inc.

PLSCR3 (NM_020360) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: PLSCR3 (NM 020360) Human Tagged Lenti ORF Clone

Tag:mGFPSymbol:PLSCR3

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this cl

Sequence:

The ORF insert of this clone is exactly the same as(RC210587).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





ACCN: NM_020360

ORF Size: 885 bp





PLSCR3 (NM_020360) Human Tagged Lenti ORF Clone - RC210587L4

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: <u>NM 020360.2</u>

RefSeq Size:2089 bpRefSeq ORF:888 bpLocus ID:57048

UniProt ID: Q9NRY6

Cytogenetics: 17p13.1

Domains: Scramblase

MW: 31.6 kDa

Gene Summary: May mediate accelerated ATP-independent bidirectional transbilayer migration of

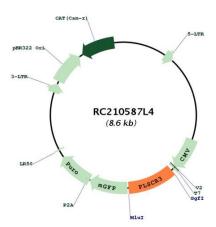
phospholipids upon binding calcium ions that results in a loss of phospholipid asymmetry in the plasma membrane. May play a central role in the initiation of fibrin clot formation, in the

activation of mast cells and in the recognition of apoptotic and injured cells by the reticuloendothelial system. Seems to play a role in apoptosis, through translocation of cardiolipin from the inner to the outer mitochondrial membrane which promotes BID recruitment and enhances tBid-induced mitochondrial damages. [UniProtKB/Swiss-Prot

Function]



Product images:



Circular map for RC210587L4