

## Product datasheet for **SC331445**

### PLSCR3 (NM\_001201576) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** PLSCR3 (NM\_001201576) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** PLSCR3  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC331445 representing NM\_001201576.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGGCAGGCTACTTGCCCCCAAAGGCTACGCCCTTCGCCCCACCTCCCTACCCTGTCACCCCTGGG
TACCCGGAGCCGGCGCTACATCTGGGCCCGGGCAGGCGCCAGTGCCCGCCAGGTACCTGCCCCAGCT
CCCGGCTTCGCCCTTTCCCTCGCCTGGCCCCGTGGCCTTGGGGTCTGCTGCCCCCTTCTTGCCACTG
CCAGGGGTGCCTTCTGGCCTCGAATTCTGGTGCAGATTGATCAGATTTTGATTCACCAGAAGGCTGAG
CGAGTGGAAACGTTCTAGGCTGGGAGACCTGTAATCGGTATGAAGTGCCTCTGGGGCCGGGCAGCCC
BTGGGTCAGGCGCCGAGGAGAGCAACTGCTGCGCCCTGTGTGCTGTGGCGCCCGCCGCTGCCTGCCT
GTCCGCCTGGCCGACCCCGGGGACCGTGAGGTGCTGCGTTTGCTCCGCCCGCTGCACTGTGGCTGCAGC
TGCTGCCCTGTGGCCTCCAGGAGATGGAAGTACAGGCTCCACCAGGCACCACCATTGGCCACGTGCTA
CAGACCTGGCATCCCTTCTCCCAAGTTCTCCATCCAGGATGCCGATCGCCAGACAGTCTTGCGAGTG
GTGGGGCCCTGTGGACCTGTGGCTGTGGCACAGACACCAACTTTGAGGTGAAGACTCGGGATGAATCC
CGCAGTGTGGGCCGATCAGCAAGCAGTGGGGGGCCTGGTCCGAGAAGCCCTCACAGATGCAGATGAC
TTTGGCCTACAGTTCCCCTGGACCTGGATGTGAGGGTGAAGGCTGTGCTGCTGGGAGCCACATTCCTC
ATTGACTACATGTTCTTTGAGAAGCGAGGAGCGCTGGGCCCTTGCCGTCACCAGTAG
```

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001201576  
**Insert Size:** 888 bp  
**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).  
**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).



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**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\\_001201576.1](#)

**RefSeq Size:** 1981 bp

**RefSeq ORF:** 888 bp

**Locus ID:** 57048

**UniProt ID:** [Q9NRY6](#)

**Cytogenetics:** 17p13.1

**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]

Transcript Variant: This variant (2) uses an alternate splice site in the 5' UTR, compared to variant 1. Both variants 1 and 2 encode the same protein.