

Product datasheet for RN212977

Plscr3 (NM_001012139) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Plscr3 (NM_001012139) Rat Untagged Clone
Tag: Tag Free
Symbol: Plscr3
Synonyms: Pls3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN212977 representing NM_001012139
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGGCTACTGCCCCAAAGTTATGCCCTTCGCCCCACCTCCCTACCCCGTGCCAGCTGGGT
ATCCAGAGGCGGGCGCTGCATCCTGGACCCGGACAGGCTCCAGTGCCACCCAGGGCCCTGCCCTGC
GCCTGGCTTCTCTCTCTCCCTCGCCAGGCCGGTGGTCCAGGGCCTCCTGGTCCCTCGTGCCATTG
CCAGGGGTGCCTTCTGGCTGGAATTCCTAGTGCAGATTGATCAAATCTTGATTCATCAGAAGGCTGAGC
GAGTGGAAACGTTCTTAGGCTGGGAGACCTGTAATAGGTATGAACTTCGCTCCGGGACCCGACAGCAACT
GGGTGAGGAGCAACTGCTGTGCCCGGCTGTGCTGTGGTGCCTCCGGCCGGCCGCTTCGTATC
CGCCTAGCGGACCCCGGGACCGGAGGTGCTCCGCCTCCTCCGCCACTTCACTGCGGCTGCAGCTGCT
GTCCTTGTTGCTTTCAGGAGATGGAAGTCCAGGCCACCTGGCACCACCTGGCCATGTGCTACAGAC
CTGGCACCCCTTCAATCCCAAGTTTTCCATCCTGGATGCAGATCGCCAACCTGTTCTACGAGTCGTAGGG
CCTTGCTGCACTGTGGCTGTGGGACGGACCAACTTTGAGGTGAAGACAAAGGATGAATCTCGAAGTG
TGGCCGCATCAGCAAGCAGTGGGAGGGCTGCTCCGAGAAGCCCTCACAGATGCGGATGACTTTGGCCT
CCAGTCCAGTAGATCTAGATGTGAGAGTGAAGGCGGTGCTGCTGGGAGCCACGTTCTCATTGATTAT
ATGTTCTCGAGAAGCGAGGAGGTGCTGGACCCTCGCCATCACCAGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001012139
Insert Size: 891 bp



[View online »](#)

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).
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:	<u>NM_001012139.2</u> , <u>NP_001012139.1</u>
RefSeq Size:	1781 bp
RefSeq ORF:	891 bp
Locus ID:	360549
UniProt ID:	<u>Q6QBQ4</u>
Cytogenetics:	10q24
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 (By similarity). [UniProtKB/Swiss-Prot Function]