

Product datasheet for **MC201608**

Plscr3 (NM_023564) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Plscr3 (NM_023564) Mouse Untagged Clone
Tag: Tag Free
Symbol: Plscr3
Synonyms: 2210403O21Rik; 2610037N06Rik; ESTM3; X83310
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC020143 sequence for NM_023564
GGGGCTTCAGGTGCCGCCCTAGAGACCCCTGGGCCGCTACTGGGCGCAGCTACCTCTTCGCCTCTGCCTGT
CCGTCTTTGTTTTCTGTCTGTCTAGCTGTTCCCGAGCTTGCTCCCACTCCAGAACTAAGTCTCCCCTACG
CCAAAAGCCCAAGACTCCCTCCTGATTCCCATGGCAGGCTACTTGCCCCCAAAGGCTATGCCCTTCA
CCCCACCTCCCTACCCCGTGCCATCTGGGTATCCAGAGCCGGTGGCTCTGCATCCTGGACCGGACAAG
CTCCAGTGCCACCCAGGTGCCTGCCCTGCTCCCGGCTTCGCTCTTCCCTCGCCAGGCCAGTGCC
TCCAGGGCCTCCTGCTCCTTTCGTGCCATTGCCAGGGGTGCCTCCTGGCCTCGAATTCCTAGTGCAGATT
GATCAAATCTTGATTCATCAGAAGGCTGAACGAGTGAAACGTTCTAGGCTGGGAGACCTGTAATATGT
ATGAATTCGCTCCGGAACCGGACAGCAACTGGGTGAGGAGCTGAAGAGAGCAACTGTTGTGCCCGCT
GTGCTGTGGTGCCCGCCACCATTTCGAATCCGCCTAGCGGACCCTGGGACCGGAGGTGCTCCGGCTC
CTCCGCCCACTTCATTGTGGCTGCAGCTGCTGCCCTGTGGTCTTCAGGAGATGGAAGTCCAGGCTCCAC
CTGGCACCACCATTGGCCATGTGCTACAGACCTGGCATCCCTTCCTTCCCTAAGTTTTCCATCCTGGATGC
TGATCGCCAACCTGTTCTACGAGTTGTAGGCTTGTGCTGGACTTGTGGCTGTGGTACAGACCAACTTT
GAGGTGAAGACTAAGGATGAATCGGAAGTGTGGGCCGATCAGCAAGCAGTGGGGAGGGCTGCTCCGAG
AAGCCCTCACAGACGCCGATGACTTTGGCTCCAATCCAGTCGATCTAGATGTGAAAGTGAAGGCCGT
ACTGCTGGGAGCCAGTTCCTCATCGATTATATGTTCTTCGAGAAGAGAGGAGGCCGAGGACCCTTGCC
ATCACCAGTTAGAAGCCACCTCAGGATGAGGAGACCCATCTCCTTGACCAGAATTAAGATGGTCAGCTG
CCCTGGACGTTCCCTCCTGAAGCAACCTTTCCCTTGATATACACTGCGGGGACCGACGAGGTTGCCGA
GTGGTTTGGAGCCGTTGTGTCACCATCTCCAGGAGTGCCTGTGCACACATTAGCTTTAAACTTCCTTGC
ACACTCCTTCCAGCCTTCTCTGGGCTCTGCATAGGCAGGGGATCTGGAATCCTGGACTCAAGTTTT
ACCCAGGGCTTGTGGTAAAAGGCAAGCAGTACCAAAGATGGCAGACACCACCTTCCCTATGGCACT
TTAGCCAATTAGTTAGCTTCCGATTGTGGCACTCTGAGGGGATCCTTGCTCCTCACTAATAGCTGTAG
CGGTTGGGCCAGTGCCAACTCCCTAAGCCCTGGGCCCTGCGGGTGTCTTCTGCAGCTTCTGTGCT
TATTTAACCGTTAACCCCTTCTTCCCTACTGTAGGAAGGAGGCTGTGCTTTGTATGTTGTACTIONATA
TAAACTTTGAAACTTTTTAAACAAAAAAAAAAAAAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_023564
Insert Size:	891 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).
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:	BC020143 , AAH20143
RefSeq Size:	1717 bp
RefSeq ORF:	891 bp
Locus ID:	70310
UniProt ID:	Q9JIZ9
Cytogenetics:	11 42.9 cM
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the functional protein. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>