

## Product datasheet for **MC207430**

### Plscr1 (NM\_011636) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Plscr1 (NM\_011636) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Plscr1  
**Synonyms:** MmTRA1a; MmTRA1b; Nor1; Tra1; Tra1a; Tra1b; Tras1; Tras2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC207430 representing NM\_011636  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGAACCACAGCAAGCAAAGCTGAGGCTCCCCACCCGGGAACATATATGCCAGCTGGGTATCCCCCTC  
CGTATCCACCAGCAGCTTCCAAGGACCTCAGACCATGCTGCTTACCCATACCCAGGCTGGCTACCA  
AGGGCCTCGGGCCCTATCCAGGGCCCAACCTGGCTACCCAGTCCCACCAGGAGTTATGCAGGTGGT  
GGCCCTAGTGGCTTTCCTGTCCAAAATCAGCCAGCATATAATCATCCAGGTGGGCCTGGGGGACCCAT  
GGATGCCAGCCCCCTCCTCCACTGAACTGTCCACCGGGCTGGAATACTTAGCTCAGATTGATCAGCT  
TCTGGTTCATCAGCAAATTGAGCTTCTGGAAGTCTAACAGGCTTTGAAACAAATAACAAATATGAAATC  
AAGAACAGCCTCGGCAGAGAGTTTACTTTGCAGTGGAAGATACTGACTGCTGTACCCGAAACTGCTGTG  
GGGCGCTAGACCTTTCACCTTGAGGATCCTGGATAATCTGGCCGAGAAGTCATGACTCTGGAGAGACC  
TCTGAGATGCAGTAGCTGCTGCTCCCCTGCTGCCTCCAGGAGATAGAAATCCAGGCTCCTCCTGGGGTA  
CCAGTAGGTTATGTGACTCAGACCTGGCACCCATGTCTGCCAAGTTCCTCCTCCAAAATGAGAAGAAGC  
AGGATGTCCTGAAAGTAGTTGGTCCGTGTTGTGTAGCTGCTGTTCCGACATTGACTTTGAGCTCAA  
ATCTCTAGATGAAGAATCAGTAGTTGGCAAAATTTCTAAGCAGTGGTCTGGTTTTGTGAGAGAGCCCTTC  
ACGGATGCAGACAATTTGGGATCCAGTCCCCTGACCTGGATGTGAAGATGAAAGCTGTGATGCTTG  
GTGCTTGTTCCTCATAGATTTTCATGTTTTTTGAAAGAACTGAAACGAGGAGCAAAGATCAGGAGCATG  
GCAGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_011636



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<b>Insert Size:</b>	987 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_011636.2</a> , <a href="#">NP_035766.2</a>
<b>RefSeq Size:</b>	2141 bp
<b>RefSeq ORF:</b>	987 bp
<b>Locus ID:</b>	22038
<b>UniProt ID:</b>	<a href="#">Q9J100</a>
<b>Cytogenetics:</b>	9 E3.3
<b>Gene Summary:</b>	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.[UniProtKB/Swiss-Prot Function]