

Product datasheet for **SC329604**

phospholipid scramblase 2 (PLSCR2) (NM_001199979) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	phospholipid scramblase 2 (PLSCR2) (NM_001199979) Human Untagged Clone
Tag:	Tag Free
Symbol:	phospholipid scramblase 2
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC329604 representing NM_001199979. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGAAGCCTTTTCAAATTCACCTCCCAGGACCTCCCGGACATATTGTCTACCCTAAGCACCAGGCTGGA
CACACTGGGAAACAGGCTGACCACCTGGGCTCCAGGCCTTCTACCCAGGACGTCAGCATGACTACCTA
GTCCCACCTGCTGGCACAGCTGGCATTCTCTCAAAATCAGCCAGGTAGACCTGAAGGGGTACCATGG
ATGCCAGCACCACCACCATTAACTGTCCGCCAGGATTGGAATACTTAAGTCAGATAGATATGATA
CTAATTCATCAGCAAATTGAACCTCTGGAAGTTCTATTCAGTTTTGAAAGTAGTAACATGTATGAAATC
AAGAACAGCTTTGGGCAGAGGATTTATTTGCAGCAGAAGATACTAATTTCTGTATCCGAAATTGCTGT
GGGCGGTCTAGACCTTTTACCTTGAGGATTACTGATAATGTGGTTCGAGAAGTCATAACTCTGGAAAGA
CCACTAAGATGTAACCTGTTGTTGTTGCCCTGCTGCCTTCAGGAGATAGAAATCCAAGCTCCTCCTGGT
GTACCAGTAGGTTATGTTACTCAGACCTGGCACCCTATGCTAACAAGTTTACAATTAATAATCAGAAA
AGAGAGGATGTAATAAATTAGTGGTCCATGTATCGTGTGCAGCTGTATTGCGGGTGTGATTTTGAG
ATTACATCTCTTGATGAACAAATTGTGGTTGGCAGGATTCTAAGCACTGGTCTGGGTTTTTAAGAGAG
GCATTTACTGATGCTGACAACTTTGGAATCCAATTCCTAGAGACCTTGATGTTAAATGAAAGCCGTG
ATGATTGGTGCCTGTTTCTCATTGACTACATGTTTTTTGAAAGAACTAGGTAA
  
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001199979
Insert Size:	882 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_001199979.1

RefSeq Size: 1215 bp

RefSeq ORF: 882 bp

Locus ID: 57047

UniProt ID: Q9NRY7

Cytogenetics: 3q24

MW: 33 kDa

Gene Summary: This gene encodes a member of the phospholipid scramblase family. Phospholipid scramblases are membrane proteins that mediate calcium-dependent, non-specific movement of plasma membrane phospholipids and phosphatidylserine exposure. The encoded protein contains a low affinity calcium binding motif and may play a role in blood coagulation and apoptosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011]
 Transcript Variant: This variant (2) differs in the 5' UTR and 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (2) has a distinct N-terminus and is shorter than isoform 1.