

Product datasheet for **SC304747**

phospholipid scramblase 2 (PLSCR2) (NM_020359) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	phospholipid scramblase 2 (PLSCR2) (NM_020359) Human Untagged Clone
Tag:	Tag Free
Symbol:	phospholipid scramblase 2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_020359 edited

```
CCAGGCTGGACACACTGGGAAACAGGCTGACCACCTGGGCTCCCAGGCCTTCTACCCAGG
ACGTCAGCATGACTACCTAGTCCCACCTGCTGGCACAGCTGGCATTCTCTGTTCAAATCA
GCCAGGTAGACCTGAAGGGGTACCATGGATGCCAGCACCACCACCATTAAACTGTCC
GCCAGGATTGGAATACTTAAGTCAGATAGATATGATACTAATTCATCAGCAAATTGAACT
TCTGGAAGTTCTATTGAGTTTTGAAAGTAGTAACATGTATGAAATCAAGAACAGCTTTGG
GCAGAGGATTTATTTGTCAGCAGAAGATACTAATTTCTGTATCCGAAATTGCTGTGGCG
GTCTAGACCTTTTACCTTGAGGATTACTGATAATGTGGGTCGAGAAGTCATAACTCTGGA
AAGACCACTAAGATGTAAGTGTGTTGTTGCCCCCTGCTGCCTTCAGGAGATAGAAATCCA
AGCTCCTCCTGGTGTACCAGTAGGTTATGTTACTCAGACCTGGCACCCATGTCTAACAAA
GTTTACAATTAATAAATCAGAAAAGAGAGGATGTAATAAATTAAGTGGTCCATGTATCGT
GTGCAGCTGTATTGCGGGTGTGATTTTGGAGATTACATCTCTTGATGAACAAATTGTGGT
TGGCAGGATTTCTAAGCACTGGTCTGGGTTTTTAAGAGAGGCATTTACTGATGCTGACAA
CTTTGGAATCCAATTCCTAGAGACCTTGATGTTAAAATGAAAGCCGTGATGATTGGTGC
CTGTTTCCTCATTGACTACATGTTTTTTGAAAGAACTAGGTAATGACTGGAATGTCAGAG
TGTGGGAGTGGATTAATGATTCCGGATCTTTGGCTAGGCAAAAATGAAACTATAACTGATC
TAAACGGTTCCTTCTTCTACTGTGCAAGGAAGATGTAAGGAAAAACTCGCACACTA
TCTG
```

Restriction Sites:	Please inquire
ACCN:	NM_020359
Insert Size:	1000 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).



[View online »](#)

OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM020359.1.
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_020359.1</u> , <u>NP_065092.1</u>
RefSeq Size:	1265 bp
RefSeq ORF:	675 bp
Locus ID:	57047
UniProt ID:	<u>Q9NRY7</u>
Cytogenetics:	3q24
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR, and uses a downstream start codon, compared to variant 1. The encoded isoform (3) has a shorter N-terminus, compared to isoform 1.</p>