

Product datasheet for **SC112229**

PGS1 (NM_024419) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PGS1 (NM_024419) Human Untagged Clone
Tag:	Tag Free
Symbol:	PGS1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_024419, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGTGGCGGCGCAGCTGCGGCGGGACCCGTGTTCTGGAGGCGACTGCTGGGCCTCCTGCCTGGCC
GCCCAGGGCTGGCCGCGCTCCTGGGACGCCTGTCCGACCGCCTCGGCAGGAACCGGGACCCAGCGCAG
GAGGTCACCATGGCTGTTATTGGCTCCCTTGCTGTCCCCAGCTGTTCCCCAGGTCACTCCCCACCTTGC
TGCTGTGTCCAGAAGGGGTGCACCGGTTCCAGTGGATCAGAAACCTGGTTCCAGAAATTTGGAGTCTCCA
GTTCTCACGTTAGGGTGTCTTCTCCCCCGCAGAGTTTTTCGAGCTCATGAAGGGGCAGATAAGAGTAGC
CAAGAGGCGGGTCTGATGGCATCCCTCTACCTGGGGACAGGTCTTTGGAACAGGAGCTGGTGGACTGC
CTGGAAAGTACTCTAGAAAAGTCACTCCAAGCAAAGTTTCCTTCAAATCTCAAGTCTCCATTCTTTAG
ACTTCACGCGGGGCTCACGAGGCCGAAGAAGTCCCGCACAATGCTGCTCCACTCTGCGGAGGTTCC
AGAGCAGGTCGAGTCTCCCTCTTTCACACGCCGACCTCCGTGGGCTGCTTCGGCTCCTCATCCCTGAG
CGCTTCAACGAGACCATCGGCCCTCCAGCACATTAAGGTGTACCTCTTCGACAACAGCGTCATCTTGAGCG
GTCAAACCTGAGTGACTCTACTTCAACAACCGCCAGGACCGCTACGTGTTCTGCAGGACTGTGCGGA
GATTGCCGACTTCTTTCACGGAGCTGGTGGACGCGGTGGGGATGTGTCCCTGCAGCTGCAGGGGGACGAC
ACGGTGCAGGTGGTGGATGGGATGGTGCATCCTTACAAGGGGACCGGGCCGAGTACTGCAAGGCAGCCA
ATAAGAGGGTCTATGGATGTGATCAACTCAGCCAGGACCCGCCAGCAGATGCTGCATGCCAGACCTTCCA
CAGCAACTCTCTTTTGACCCAGGAAGATGCAGCAGCTGCTGGGGATCGCAGACCAGCCCTGACACCTGG
ATTTATCCGCTGATTGAGATGAAGCCCTTCGAGATTCAAATCGATGAGATTGCTACTGAGACCCTGTTGA
CTGAGGCGGAGCGCGGGCAAAGGTCTACCTCACCCTGGCTATTTCAACCTGACCCAGGCGCTACATGGA
CCTGGTCTTGGGCACTCGGGCTGAGTACCAGATCCTGCTGGCCTCACCAGAGTGAATGGCTTCTTTGGG
GCCAAGGGGGTGGCCGGGCCATCCCAGCGGCCTATGTGCACATCGAGCGACAGTTCTTCAGTGAGGTGT
GCAGCCTGGGACAGCAGGAGCGGGTCCAGCTTCCAGGAGTACTGGCGGAGGGGCTGACGTTCCACGCCAA
AGGCCTCTGGCTGTACCTGGCAGGGAGCAGCCTGCCCTGTCTCACGCTGATTGGCTCTCCTAATTTTGGG
TACAGGTCAGTTCACCGGACCTGGAGGCCAGATTGCGATCGTGACGGAGAACCAGGCCCTGCAGCAGC
AGCTTCAACGAGCAAGAGCAGCTCTACCTGAGGTCAGGTGTGGTGTCTCTGCCACCTTCGAGCAGCC
GAGTCGCCAGGTGAAGCTGTGGGTGAAGATGGTACTCCACTGATCAAGAACTTCTTCTGA
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024419 unedited

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TATTTTGAATACGACTCACTTATAGGGCGGCCGCGATTTCGGCACCCAGCGCGGCAGCTG
CGGCGGGACCCGTGTTCTGGAGGCGACTGCTGGGCCTCCTGCCTGGCCGCCAGGGCTGG
CCGCGCTCCTGGGACGCCTGTCCGACCGCCTCGGCAGGAACCGGGACCCAGCGCAGGA
GGTCACCATGGCTGTTATTGGCTCCCTTGCTGTCCCCAGCTGTTCCCCAGGTCACTCCC
CACCTTGTGCCTGTGTCCAGAAGGCGTGCACCGGTTCCAGTGGATCAGAAACCTGGTTC
CAGAAATTTGGAGTCTCCAGTTCTCACGTTAGGGTGTCTTCTTCCCCGGCAGAGTTTTTCG
AGCTCATGAAGGGGCAGATAAGAGTAGCCAAGAGGCGGGTCTGATGGCATCCCTCTACC
TGGGGACAGGTCCCTTTGGAACAGGAGCTGGTGGACTGCCTGGAAAGTACTCTAGAAAAGT
CACTCCAAGCAAAGTTTCTTCAAATCTCAAGGTCTCCATTCTCTTAGACTTCACGCGGG
GCTCACGAGGTCGGAAGAAGTCCCGCACAATGCTGCTCCCACTCCTGCGGAGGTTCCAG
AGCAGGTCGAGTCTCCCTCTTTCACACGCCGACCTCCGTGGGCTGCTTCGGCTCCTCA
TCCCTGAGCGCTTCAACGAGACCATCGGCCTCCAGCACATTAAGGTGTACCTCTTCGACA
ACAGCGTCATCTTGAGCGGTGCAAACCTGAGTGACTCCTACTTCAACAACCGCCAGGACC
GCTACGTGTTCTGCAGGACTGTGCGGAGATTGCCGACTTCTTTCAGGAGCTGGTGGACG
CCGTGGNGGATGTGTCCCTGCAGCTGCAGGGGGACGACACGGGTGCAGTGGTGGATGGGA
TGGTGATCCTTACAAGGGGACCGGGCCGAGTACTGGCAGGCAGNCCATAGAGGTCTATGG
ATGTGATCACTCAGNCGGACCCGCC
    
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Gene Summary:

Functions in the biosynthesis of the anionic phospholipids phosphatidylglycerol and cardiolipin.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longest transcript and encodes the functional protein.