

Product datasheet for **SC123600**

PGLS (BC017706) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PGLS (BC017706) Human Untagged Clone
Tag:	Tag Free
Symbol:	PGLS
Synonyms:	6PGL; HEL-S-304
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC017706 edited
 GCTTCCTCCTCCCGCCGCCCTCGCCATGGCCGCGCCGGCCCGGGCCTCATCTCGG
 TGTTCTCGAGTTCCCAGGAGCTGGGTGCGGCGCTAGCGCAGCTGGTGGCCAGCGCGCAG
 CATGCTGCCTGGCAGGGGCCCGCCCGTTTCGCGCTCGGCTGTGGGGCGGAGCCTCG
 TCTCGATGCTAGCCCGCAGCTACCCGCCCGCTCGCCCTGCCGGGCCAGCTAGCTTAG
 CGCGCTGGACGCTGGGCTTCTGCGACGAGCGCCTCGTGCCCTTCGATCACGCCGAGAGCA
 CGTACGGCTCTACCCGGTGAGAGCTACGGGGGCCCGGGGATCACGCCGAGAGGGCCA
 CAGCCACCGCCTACACCCCGGCTACGGAGGCCCGCGGGGCCATGCCGAAAGGGCCGCGC
 CCACTGTCTGCACCTCGGCTACGGGGGCCACTGGGTATCATGCCAAGAGGGCCGTGCCCA
 CTGCTGCACCTCGGCTACGTGGGTGCTGGGGTTCATGCCAAGAGGGCCGCGCCACC
 GTTGCCCTCGGCTACGGGGGCCACTGGGGTTCATGCCGAGATGGTACGCCCACTGCCTG
 CACCTCGACTACGGGGCCGCTGGGGTCTAGCCGACAGGGCTCGCCGCTCCTGAACC
 CCGCTACAGTGGTCCCGCAGGACCTACTGCGCCCTGCTTATCTAGGCAGGGT
 AGAAATGGTCTACTTGCAGTCCGTCTTCTGCTTCATCCGGTGGCCAGGCAGAGGGAACG
 GCACGGCAAGGGCCTGGAAGGGAATCCGAGTGGCCATGTCAAACGATGCCATAACTC
 AGCCCCGTAGCGACGGGGCACGAGGAATCAGGTGTAGAGCCTGAATCTCAGGGTCTG
 ATCTCTAACCCAGCGAGTTCTCGGGATCCCTGGGCAGCTTTGCCGCTCTGATGGCTCT
 GCTTCCAGGCTGTTCATCTTTGGCTTTGAGCCTCAGGATTCTATAGAATCAGAGGAGCGC
 GCTTTTTAAAGACAGGGTAAGTGGGCTTGAGGAGCCTTGGCCTGGCCGAGGGAAGAG
 TGGGAGGGGGCGGCTCAAAGGCCAGGAACCTCAAGTCACTTGAGTCTGGCAGCGTCAAGG
 GACACCCCATGCTGGGTGCGGCTTCTCTTTGCATAGAATCTTGAGCTGATGATGGTT
 TTGTGGTTTTTTATTAAGAGAAAAGGCTTACTGAACGCTTTATATGCATCAATTCATGA
 GTCCGTACCACAGCCTATGAGATGTTACTACTTTTACAGATGGAGAACTGAGGCCAC
 AAGAGGTGAGCTTACCTGCCAAGGCATCTAGTGACCAGAGGGGACGCCAGGGTGTGATC
 CTGCCTCATCTGACTTCGTAGTTGGGTACACATTTAACTTCCGCTTCTGTGTGTGTT
 TCCAAGAGCATATTAATAAAGTTTTGGCCGGTGCAGTGGCTCACGCGTGAATCCACAGC
 ACTTTGGAGGCCGACGTGAGTAGATCACCTGAGGTCAGGATTTGAGACCAGCCTGGCC
 AACATGGCAAACCTCTGTCTCTACTAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC017706 unedited
 CTANGATTTGTAATACGACTCTCTATAGGGCGGCCGACTTCCCGGGATATCGTCGACC
 CACGCGTCCGGCTTCTCCTCCCGCCCGCCCTCGCCATGGCCGCGCCGGCCCGGGC
 CTCATCTCGGTGTTCTCGAGTTCCCAGGAGCTGGGTGCGGCGCTAGCGCAGCTGGTGGCC
 CAGCGCGCAGCATGCTGCCTGGCATGGGCCCGCCCGTTTCGCGCTCGGCTGTGGGC
 GGGAGCCTCGTCTCGATGCTAGCCCGCAGCTACCCGCCCGCTCGCCCTGCCGGGCCA
 GCTAGCTTAGCGCGCTGGACGCTGGGCTTCTGCGACGAGCGCCTCGTGCCCTTCGATCAC
 GCCGAGAGCAGTACGGCCTCTACCGGGTGAGAGCTACGGGGGCCCGGGGATCACGCC
 GAGAGGGCCACAGCCACCCTACACCCCGGCTACGGAGGCCCGGGGGCCATGCCGAA
 AGGGCCGCGCCACTGTCTGCACCTCGGCTACGGGGGCCACTGGGTATCATGCCAAGAGG
 GCCGTGCCACTGCCTGCACCTCGGCTACGTGGGTGCTGGGGGATGCCAAGAGGGC
 CGCGCCACCGTTGCCCTCGGCTACGGGGGCCACTGGGGGTATGCGGAAGTGGTACGC
 CCACTGGCCGACCTTACTACGGGGGCCCGCTGGGGTCTACCCGACGGGGCTCCCCG
 CCTCTGGACCCCGCTACAGGGGTCCCGGGGAACCTACTGCGCCCTCGGGTTTAT
 TTAGGGCGGGTAGGAATGGGCTAATTTGAAGGCCGTTTCTGGTTTTATTCGGGGGCC
 AGCCAAAGGGAAACGCCCGCCAAGGCCCGGAGAGGAATCCAATTGGCCATGTAACAA
 TGCCCCATAACTAACCCGTAGCGGAGGGGGCCCAAGGAATAT

Restriction Sites: Please inquire

ACCN: BC017706

Insert Size: 1601 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:	BC017706.1
RefSeq Size:	1601 bp
Locus ID:	25796
Cytogenetics:	19p13.11
Protein Pathways:	Metabolic pathways, Pentose phosphate pathway
Gene Summary:	Hydrolysis of 6-phosphogluconolactone to 6-phosphogluconate.[UniProtKB/Swiss-Prot Function]