

Certificate of Analysis

Product ID: OHu02818D Lot. No.: 817290884-1/R80971

Product Information:

Gene Symbol: SIRPG Accession No.: NM_018556

Cloning Vector: pcDNA3.1⁺/C-(K)DYK Gene Length*: 1164 bp

Cloning Strategy: CloneEZ Plasmid Size: 6554 bp

Antibiotic Resistance: Ampicillin, recommended concentration: 50 µg/ml Amount: 10 µg

Note: * The stop codon has not been included in gene length calculation. And the detail sequence showed in attachment 2

Storage: Store at -20°C
The ORF clone is shipped at room temperature, but should be kept at -20°C for long-term storage.

QC Items	Specifications	Results	
Sequencing Alignment	Sequencing results are consistent with the targeted insert sequence.	Pass	Consistent
Vector Sequence	The flanking sequences of the cloning sites are correct.	Pass	Correct Shown in the SQD file
Restriction Digests	The size of inserted fragment is correct and free of unexpected bands suggesting contamination.	Pass	Correct Shown in attachment 1
DNA Quality	Miniprep: 10 µg OD260/280=1.8~2.0 Free of contamination	Pass	≥ 10 µg OD260/280=1.87 Pure
Quality Grade	Research Grade	Pass	Research Grade
Appearance	Clear and free of foreign particles.	Pass	Clear Free of foreign particles
Additional Test		N/A	

Certified by: *Morgan* Date: 10/25/2016

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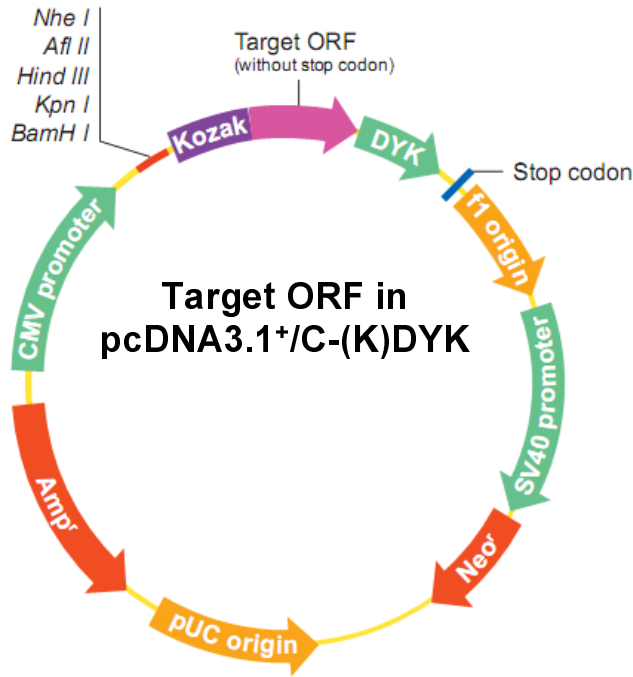
Fax: 1-732-210-0262

Email: order@genscript.com

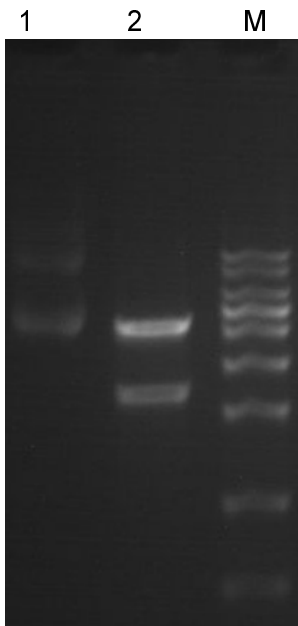
Web: www.genscript.com

Plasmid Construct Map

The ORF was cloned in pcDNA3.1⁺/C-(K)DYK by CloneEZ.

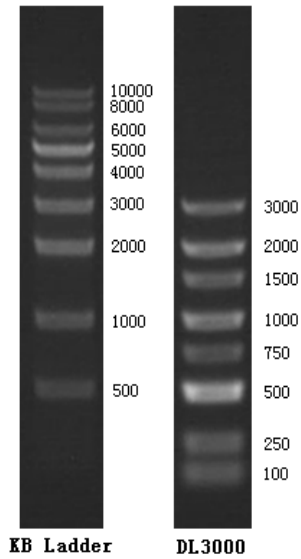


Enzyme Digestion



Lane M: KB Ladder
Lane 1: OHu02818D plasmid
Lane 2: OHu02818D plasmid digested by HindIII and SmaI

Digestion Conditions:
~ 300ng plasmid digested
Digestion in water-bath, 37°C for 40 minutes
1% Agarose Gel



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Attachment 2**Original ORF Sequence (Including start and stop codons)**

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ATGCCTGTCC CAGCCTCCTG GCCCATCCTT CCTGGTCCTT TCCTGCTTCT GACTCTACTG CTGGGACTTA CAGAAGTGGC AGGTGAGGAG GAGCTACAGA
TGATTCAGCC TGAGAAGCTC CTGTTGGTCA CAGTTGGAAA GACAGCCACT CTGCACTGCA CTGTGACCTC CCTGCTTCCC GTGGGACCCG TCCTGTGGTT
CAGAGGAGTT GGACCAGGCC GGGAAATTAAT CTACAATCAA AAAGAAGGCC ACTTCCCAGG GGTAACAACA GTTTCAGACC TCACAAAGAG AAACAACATG
GACTTTTCCA TCCGCATCAG TAGCATCACC CCAGCAGATG TCGGCACATA CTA CTGTGTG AAGTTTCGAA AAGGGAGCCC TGAGAACGTG GAGTTTAAAGT
CTGGACCAGG CACTGAGATG GCTTTGGGTG CCAAACCCTC TGCCCCCGTG GTATTGGGCC CTGCGGCGAG GACCACACCT GAGCATA CAG TGAGTTTCAC
CTGTGAGTCC CATGGCTTCT CTCCCAGAGA CATCACCTG AAATGGTTCA AAAATGGGAA TGAGCTCTCA GACTTCCAGA CCAACGTGGA CCCCACAGGA
CAGAGTGTGG CCTACAGCAT CCGCAGCACA GCCAGGGTGG TACTGGACCC CTGGGACGTT CGCTCTCAGG TCATCTGCGA GGTGGCCCAT GTCACCTTGC
AGGGGGACCC TCTTCGTGGG ACTGCCAACT TGTCTGAGGC CATCCGAGTT CCACCCACCT TGGAGGTTAC TCAACAGCCC ATGAGGGTGG GGAACCAGGT
AAACGTCACC TGCCAGGTGA GGAAGTCTA CCCCAGAGC CTACAGCTGA CCTGGTCGGA GAATGGAAAC GTGTGCCAGA GAGAAACAGC CTCGACCCTT
ACAGAGAACA AGGATGGTAC CTACA ACTGG ACAAGCTGGT TCCTGGTGAA CATATCTGAC CAAAGGGATG ATGTGGTCTT CACCTGCCAG GTGAAGCATG
ATGGGCAGCT GCGGTCAGC AAACGCCTTG CCCTAGAGGT CACAGTCCAC CAGAAGGACC AGAGCTCAGA TGCTACCCTT GGCCCGGCAT CATCCCTTAC
TGCCTGTCTC CTCATAGCTG TCCTCTGGG CCCCATCTAC GTCCCCTGGA AGCAGAAGAC CTGA
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