

Certificate of Analysis

Product ID: OHu08954D Lot. No.: 740024-113/K13470

Product Information:

Gene Symbol: SFRP4 Accession No.: NM_003014

Cloning Vector: pcDNA3.1⁺/C-(K)DYK Gene Length*: 1041 bp

Cloning Strategy: CloneEZ Plasmid size: 6431 bp

Antibiotic resistance: Ampicillin, recommended concentration: 50µg/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: 12/15/2015

Thank you for your patronage to our Gene services! To maintain this working relationship, we shall be grateful if you can add our webpage URL into your lab website. As a token of appreciation, you will be rewarded by 1,000 EZcoupon™ points. For more information, please contact us by e-mail at web@genscript.com.

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Toll-Free: 1-877-436-7274

Tel: 1-732-885-9188

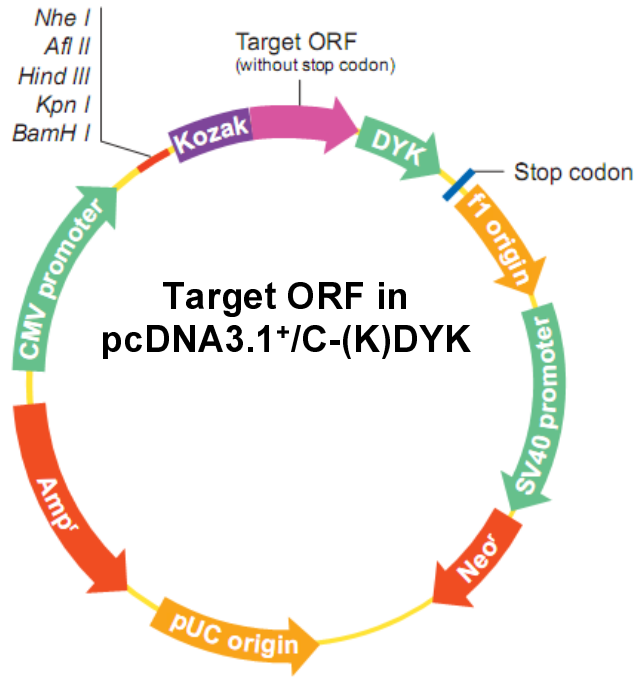
Fax: 1-732-210-0262

Email: order@genscript.com

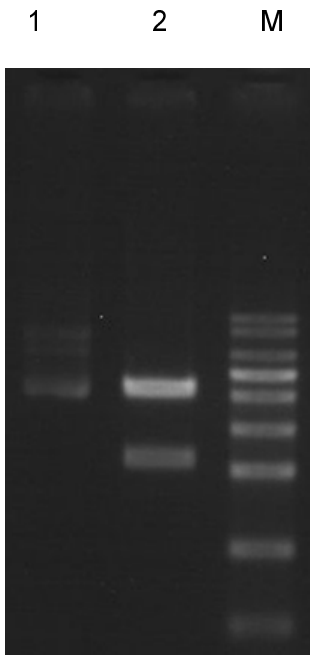
Web: www.genscript.com

Plasmid Construct Map

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

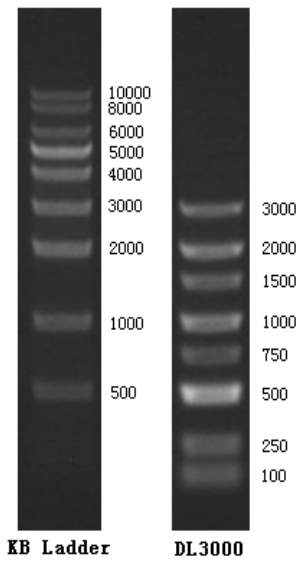


Enzyme Digestion



Lane M: KB Ladder
Lane 1: OHu08954D plasmid
Lane 2: OHu08954D plasmid digested by BamHI 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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ATGTTCTCT CCATCCTAGT GCGCTGTGC CTGTGGCTGC ACCTGGCGCT GGGCGTGC GC GCGCGCCCT GCGAGGCGGT GCGCATCCCT ATGTGCCGGC
ACATGCCCTG GAACATCACG CGGATGCCA ACCACCTGCA CCACAGCAG CAGGAGAAGC CCATCCTGGC CATCGAGCAG TACGAGGAGC TGGTGGACGT
GAACTGCAGC GCCGTGCTGC GCTTCTTCT CTGTGCCATG TACGCGCCCA TTTGCACCCT GGAGTTCCTG CACGACCCTA TCAAGCCGTG CAAGTCGGTG
TGCCAACGCG CGCGCGACGA CTGCGAGCCC CTCATGAAGA TGTACAACCA CAGCTGGCCC GAAAGCCTGG CCTGCGACGA GCTGCCTGTC TATGACCGTG
GCGTGTGCAT CTCGCCTGAA GCCATCGTCA CGGACCTCCC GGAGGATGTT AAGTGGATAG ACATCACACC AGACATGATG GTACAGGAAA GGCCTCTTGA
TGTTGACTGT AAACGCCTAA GCCCCGATCG GTGCAAGTGT AAAAAAGTGA AGCCAACTTT GGCAACGTAT CTCAGCAAAA ACTACAGCTA TGTTATTCAT
GCCAAAATAA AAGCTGTGCA GAGGAGTGGC TGCAATGAGG TCACAACGGT GGTGGATGTA AAAGAGATCT TCAAGTCCTC ATCACCCATC CCTCGAACTC
AAGTCCCGCT CATTACAAAT TCTTCTGCC AGTGTCACA CATCCTGCC CATCAAGATG TTCTCATCAT GTGTTACGAG TGGCGCTCAA GGATGATGCT
TCTTAAAAAT TGCTTAGTTG AAAAAATGGAG AGATCAGCTT AGTAAAAGAT CCATACAGTG GGAAGAGAGG CTGCAGGAAC AGCGGAGAAC AGTTCAGGAC
AAGAAGAAAA CAGCCGGGCG CACCAGTCGT AGTAATCCCC CCAAACAAA GGGAAAGCCT CCTGCTCCA AACCAGCCAG TCCAAGAAG AACATTAATA
CTAGGAGTGC CCAGAAGAGA ACAAACCCGA AAAGAGTGTG A
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