

Certificate of Analysis

Product ID: OHu19473D Lot. No.: 807234433-1/S19653

Product Information:

Gene Symbol: FSCN1 Accession No.: NM_003088

Cloning Vector: pcDNA3.1⁺/C-(K)DYK Gene Length*: 1482 bp

Cloning Strategy: CloneEZ Plasmid Size: 6872 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: 03/20/2016

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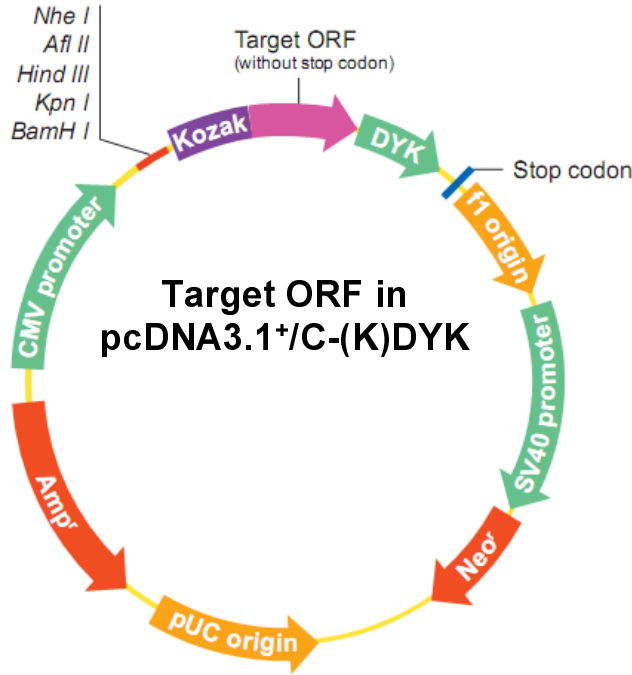
Fax: 1-732-210-0262

Email: order@genscript.com

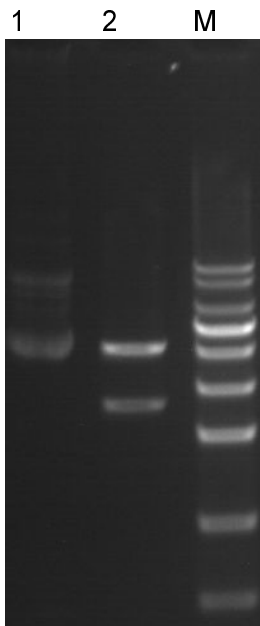
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Plasmid Construct Map

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

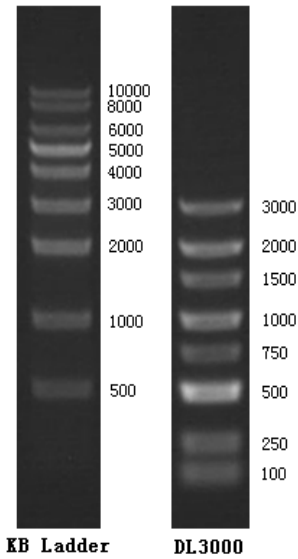


Enzyme Digestion



Lane M: KB Ladder
Lane 1: OHu19473D plasmid
Lane 2: OHu19473D 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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ATGACCGCCA ACGGCACAGC CGAGGCGGTG CAGATCCAGT TCGGCCTCAT CAACTGCGGC AACAAGTACC TGACGGCCGA GCGGTTCGGG TTCAAGGTGA
ACGCGTCCGC CAGCAGCCTG AAGAAGAAGC AGATCTGGAC GCTGGAGCAG CCCCTGACG AGGCGGGCAG CCGGGCCGTG TGCCTGCGCA GCCACCTGGG
CCGCTACCTG GCGGCGGACA AGGACGGCAA CGTGACCTGC GAGCGCGAGG TGCCCGGTCC CCACTGCCGT TTCCTCATCG TGCGGCACGA CGACGGTCCG
TGGTCGCTGC AGTCCGAGGC GCACCGGCGC TACTTCGGCG GCACCGAGGA CCGCCTGTCC TGCTTCGCGC AGACGGTGTC CCCGCCGAG AAGTGGAGCG
TGCACATCGC CATGCACCCT CAGGTCAACA TCTACAGCGT CACCCGTAAG CGCTACGCGC ACCTGAGCGC GCGGCCGGCC GACGAGATCG CCGTGGACCG
CGACGTGCC TGGGGCGTCG ACTCGCTCAT CACCCTCGCC TTCCAGGACC AGCGCTACAG CGTGCAGACC GCCGACCACC GCTTCCTGCG CCACGACGGG
CGCTGGTGG CCGCCCCGA GCCGGCCACT GGCTACACGC TGGAGTTCCG CTCCGGCAAG GTGGCCTTCC GCGACTGCGA GGGCCGTAC CTGGCGCCGT
CGGGGCCAG CCGCAGCTC AAGGCGGGCA AGGCCACCAA GGTGGGCAAG GACGAGCTCT TTGCTCTGGA GCAGAGCTGC GCCAGGTCG TGCTGCAGGC
GGCCAACGAG AGGAACGTG CCACGCGCCA GGGTATGGAC CTGTCTGCCA ATCAGGACGA GGAGACCGAC CAGGAGACCT TCCAGCTGGA GATCGACCGC
GACACCAAAA AGTGTGCCTT CCGTACCCAC ACGGGCAAGT ACTGGACGCT GACGGCCACC GGGGGCGTGC AGTCCACCGC CTCCAGCAAG AATGCCAGCT
GCTACTTTGA CATCGAGTGG CGTGACCGGC GCATCACACT GAGGGCGTCC AATGGCAAGT TTGTGACCTC CAAGAAGAAT GGGCAGCTGG CCGCCTCGGT
GGAGACAGCA GGGGACTCAG AGCTCTTCCT CATGAAGCTC ATCAACCGCC CCATCATCGT GTTCCGCGGG GAGCATGGCT TCATCGGCTG CCGCAAGGTC
ACGGGCACCC TGGACGCCAA CCGTCCAGC TATGACGTCT TCCAGCTGGA GTTCAACGAT GCGCCTACA ACATCAAAGA CTCCACAGGC AAATACTGGA
CGGTGGGCG TACTCCGCG GTCACCAGCA GCGGCGACAC TCCTGTGGAC TTCTTCTCG AGTTCTGCGA CTATAACAAG GTGGCCATCA AGGTGGGCGG
CGCTACCTG AAGGGCGACC ACGCAGGCGT CCTGAAGGCC TCGGCGGAAA CCGTGGACCC CGCCTCGTCT TGGGAGTACT AG
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