

Certificate of Analysis

Product ID: OHu13741D Lot. No.: 817234956-1/H15999

Product Information:

Gene Symbol: FAM120C Accession No.: NM_198456

Cloning Vector: pcDNA3.1⁺/C-(K)DYK Gene Length*: 717 bp

Cloning Strategy: CloneEZ Plasmid Size: 6107 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: 09/01/2016

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Toll-Free: 1-877-436-7274

Tel: 1-732-885-9188

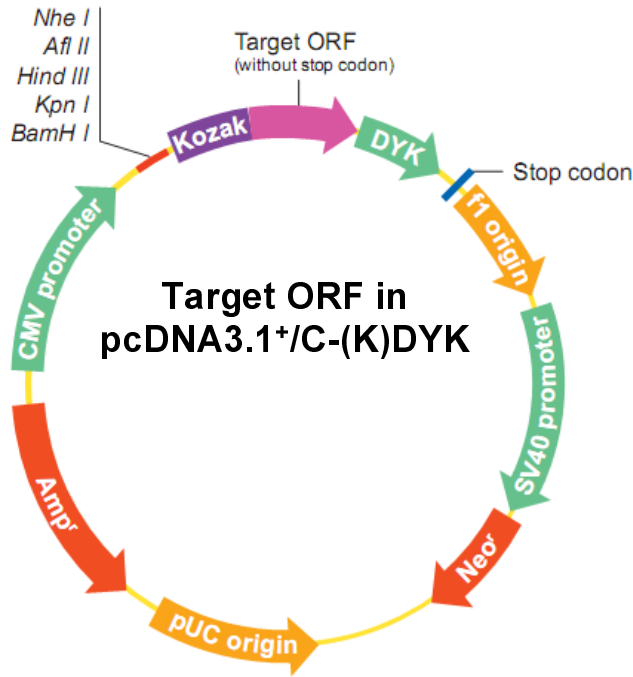
Fax: 1-732-210-0262

Email: order@genscript.com

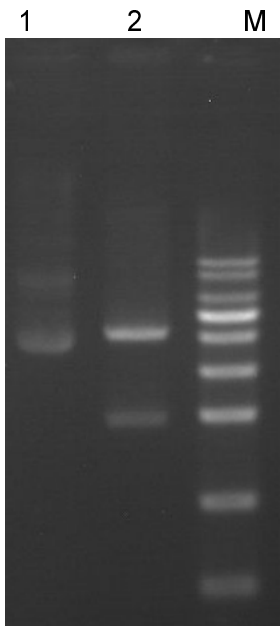
Web: www.genscript.com

Plasmid Construct Map

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

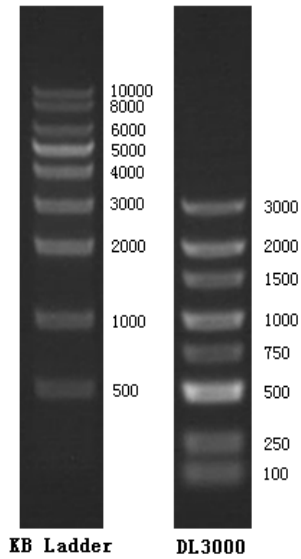


Enzyme Digestion



Lane M: KB Ladder
Lane 1: OHu13741D plasmid
Lane 2: OHu13741D plasmid digested by PstI

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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ATGGGTGTC AGGGCTTCCA AGAGTTCCTG GAGAAGCGCT GTCCCGGGG CGTGGTGCCC GTGGACCTCC TAAAACTCGC GCGCACGGTC TCGCGCCAGC
AGCAGCAGCA GCACTTGAC CAGCAGCTGC CGCCGACTGC AGCCCTAGG CCCGGGGCTC CACGCGCCG CAGGGGCTCC GTGCCTCTGC AACCGCCGCT
TCCGCCCGCT GCCTGGGGTG CCTACTCCGG GGGCGGGGG CCGACTCGG ACCATCACC CGCTCACCAC TTCCACCATC ATGGCCAAGC GCAGCCCGGG
CTGCACCCTC CGCTGCCGCC GCCGCCGCC CCTCAGCTGC CCGGGGCCG GGTGCTGGTG GACGCCGGCT CGGCGCTGCC GCGGCTCTAT GCGGGCTACC
AGACGGATTG GGTGTGTGG GCGCAATGA ACGCCATGCT GGGCTACTTG TCAGCGCTGT GCCAGGCTTG TGCCTATCCT GCGGGCGACG GCCTGGAGCT
CGTGGTCATG TTCCGGGGG GCCTGGGCAA GGACCGGCTG GCCGAGTGG GCCGTCGGTG CCAGGCCGAG CGGCAGACAG CGCAACTGAT CGTGGGACAC
GTGGGCAACA AGGGCACCCC TCCACCGCGG GCCTGGTTCC TGCCACCGGC CTGCCTGAGC CACTGCGTGA GGCTAGCACT CATCCGCTTC CGGGTCAAGC
AAGCTGCCAT GTTGTGA
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