

Certificate of Analysis

Product ID: OHu11490D Lot. No.: 807228063-1/R19771

Product Information:

Gene Symbol: ZNF444 Accession No.: NM_001253792

Cloning Vector: pcDNA3.1⁺/C-(K)DYK Gene Length*: 981 bp

Cloning Strategy: CloneEZ Plasmid Size: 6371 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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Toll-Free: 1-877-436-7274

Tel: 1-732-885-9188

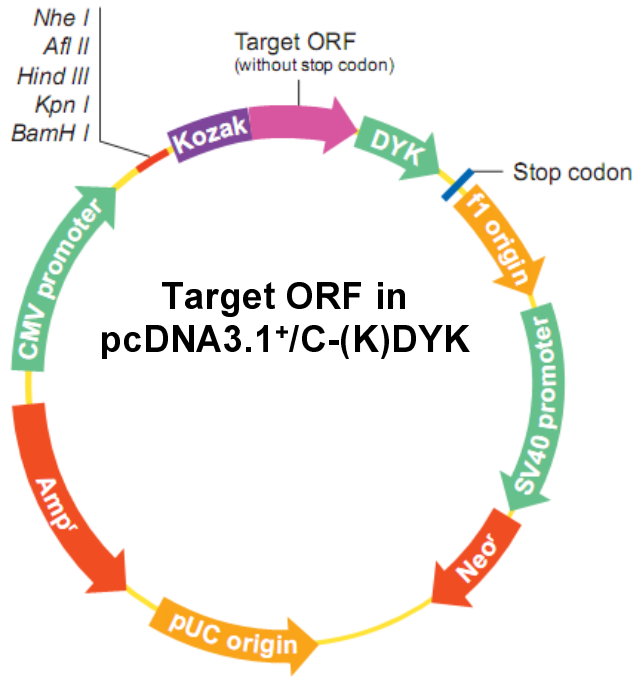
Fax: 1-732-210-0262

Email: order@genscript.com

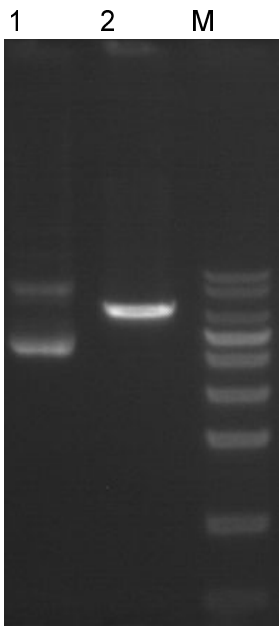
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Plasmid Construct Map

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

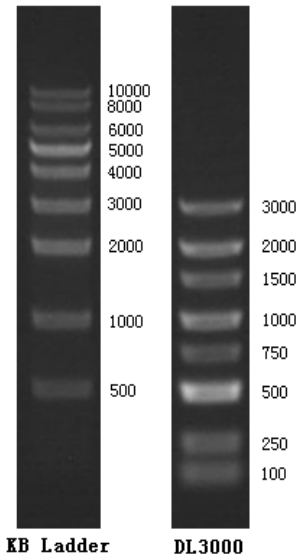


Enzyme Digestion



Lane M: KB Ladder
Lane 1: OHu11490D plasmid
Lane 2: OHu11490D plasmid digested by SpeI

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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ATGGAGGTGG CGGTGCCCGT GAAGCAGGAG GCCGAGGGCC TGGCGCTGGA CTCCCCGTGG CACCGCTTCC GCCGCTTCCA CCTGGGCGAC GCGCCGGGCC  
CGCGGGAGGC GCTGGGGCTG CTCCGCGCCC TGTGCCGGA CTGGCTGCGG CCCGAGGTGC ACACCAAGGA GCAGATGTTG GAGCTGCTGG TGCTGGAACA  
GTTCTGAGC GCGCTGCCCG CCGACACGCA GGCCTGGGTG TGCAGCCGC AGCCGACAGAG CGGGGAGGAG GCGGTGGCCC TGCTGGAGGA GCTCTGGGG  
CCAGCAGCCT CCCCCGATGG GTCGTCAGCA ACGAGGGTGC CTCAGGATGT GACGCAGGGC CCTGGGGCCA CAGGTGGAAA GGAGGACAGT GGGATGATTC  
CCTTAGGCAC CGCCCTGGG GCTGAGGGGC CGGCGCCTGG GGACTCCAG GCTGTGCGCC CCTACAAGCA GGAGCCCAGC AGCCCCCGC TGGCGCCTGG  
CCTGCCCGCC TTCCTAGCGG CCCCAGGCAC CACGTCTGC CCCGAGTGC GAAAACGTC CCTGAAACCA GCTCACCTGC TGCGCCACCG GCAGAGCCAC  
TCGGGCGAGA AGCCGCACGC CTGCCCTGAG TCGGGAAGG CCTTTCGGCG CAAGGAGCAC CTGCGGCGCC ACCGCGACAC GCACCCCGC AGCCCCGGCA  
GCCCCGGGCC CGCGCTGCGC CCTCTGCCCG CCCGTGAGAA GCCCCACGC TGCTGCGAGT GTGGCAAGAC CTTCTACTGG CGCGAGCACC TGGTGCGCCA  
CCGCAAGACG CACTCGGGAG CGCGGCCCTT TGCCTGCTGG GAGTGTGGCA AGGGCTTCGG GCGCCGCGAG CACGTGCTGC GCCACCAGCG CATCCACGGC  
CGGGCAGCGG CCAGCGCGCA GGGGCGGTA GCTCCGGGCC CGGATGGTGG AGGCCCTTC CCGCCTGGC CCTGGGTTA G
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