

Certificate of Analysis

Product ID: OHu07290D Lot. No.: 817288970-1/F92076

Product Information:

Gene Symbol: ZNF584 Accession No.: NM_173548

Cloning Vector: pcDNA3.1⁺/C-(K)DYK Gene Length*: 1266 bp

Cloning Strategy: CloneEZ Plasmid Size: 6656 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

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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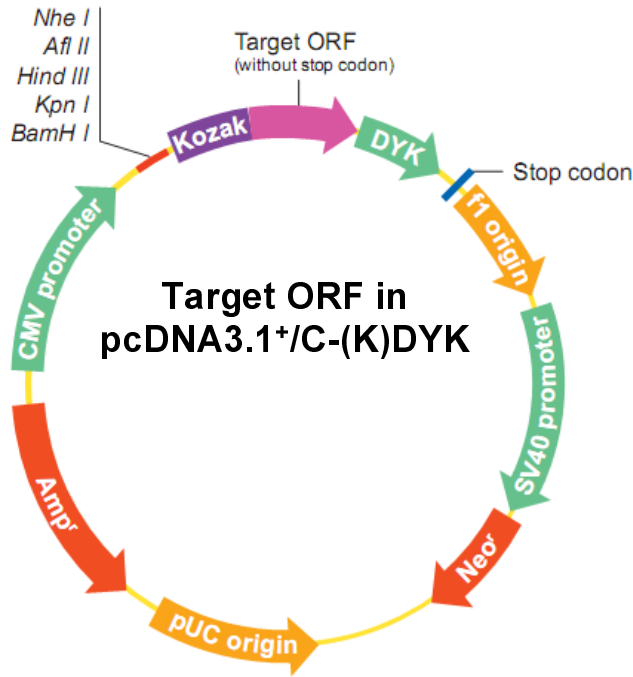
Fax: 1-732-210-0262

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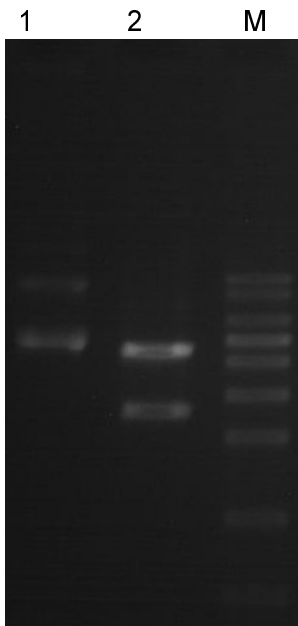
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Plasmid Construct Map

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

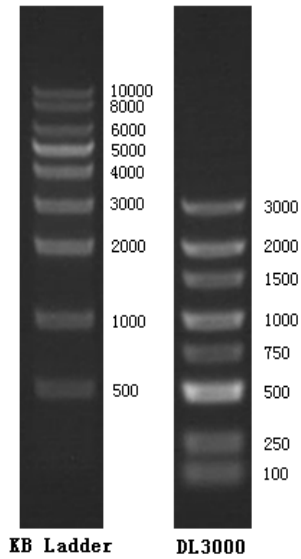


Enzyme Digestion



Lane M: KB Ladder
Lane 1: OHu07290D plasmid
Lane 2: OHu07290D 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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ATGGCCGGGG AGGCGGAGGC TCAGTTGGAC CCATCATTGC AGGGCTTGGT GATGTTTGAG GATGTGACGG TATATTCTC CAGGGAGGAG TGGGGCTCC
TTAATGTGAC CCAGAAGGGC CTATACCGGG ATGTGATGCT GGAGAACTTT GCACTCGTTA GCTCACTGGG ACTTGCACCT TCGAGATCCC CTGTGTTTAC
CCAGCTGGAG GATGATGAAC AGTCGTGGGT GCCCAGCTGG GTGGATGTGA CTCCAGTCAG CAGAGCAGAA GCCAGGAGAG GTTTTGGTCT TGATGGTTTG
TGTAGAGTGG AGGATGAGAG AGCCCATCCT GAGCATCTAA AGAGCTACAG AGTCATCCAG CACCAGGACA CTCATAGTGA GGGGAAACCA AGAAGGCACA
CTGAGCATGG GGCAGCTTTC CCACCTGGTT CCAGTTGTGG GCAACAGCAA GAAGTCCATG TGGCAGAGAA GCTGTTCAAA TGCAGTGA CTGGGAAAGGT
GTTCTTAAAG GCCTTTGCC TCCTTGACCA TCTGATAACG CATTCTGAAG AGAGACCCTT CAGATGCCCA ACAGGCAGAA GTGCTTTCAA GAAGTCAGCT
CATATTAACC CCCGAAAAAT TCACACTGGA GAAACAGCCC ATGTGTGTA TGAATGTGGG AAGGCCTTCA GTTACCCGTC TAAGCTGAGG AAACACCAGA
AGGTTACAC AGGCATAAAA CCTTTAAGT GTAGTGACTG TGGTAAAACC TTCAACCGCA AAGACGCACT TGTCTACAC CAGAGGATTC AACTGGAGA
AAGGCCTTAC GAGTGCAGCA AATGTGGTAA AACCTTCAGT GTTCTGTCTA CCCTCATTCG GCACCGGAAA GTGCACATTG GAGAAAGGCC CTATGAGTGT
ACAGAATGTG GGAAGTTCTT TAAATACAAT AATAGCTTCA TTCTTACCA GAGAGTTCAC ACTGGAGAAA GGCCTTTTGA ATGCAAGCAA TGTGGGAAAG
GCTACGTGAC CCGTTCAGGC CTCTATCAGC ACTGGAAAAGT CCACACTGGG GAACGGCCCT ATGAATGTAG CCTGTGTGGG AAAACCTTCA CTACCAGATC
CTACCGCAAT CGGCACCAGC AGTTCACAC TGAAGAGAGG TCTTATGAAT GTACAGAGTG TGGGAAAGGCC TTCAAACATA GTTCCACCCT CCTTCAGCAC
AAGAAAGTCC ATACTCCAGA AAGGCGTCAG GAGGACAGGG CACATGGGAA GTCGTTAGC TGCTAG
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