

# Certificate of Analysis

Product ID: OHu28462D Lot. No.: 774765-296/K26976

Product Information:

Gene Symbol: EGG Accession No.: NM\_000509

Cloning Vector: pcDNA3.1<sup>+</sup>/C-(K)DYK Gene Length\*: 1314 bp

Cloning Strategy: CloneEZ Plasmid size: 6704 bp

Antibiotic resistance: Amplicillin, 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](mailto:web@genscript.com).

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Toll-Free: 1-877-436-7274

Tel: 1-732-885-9188

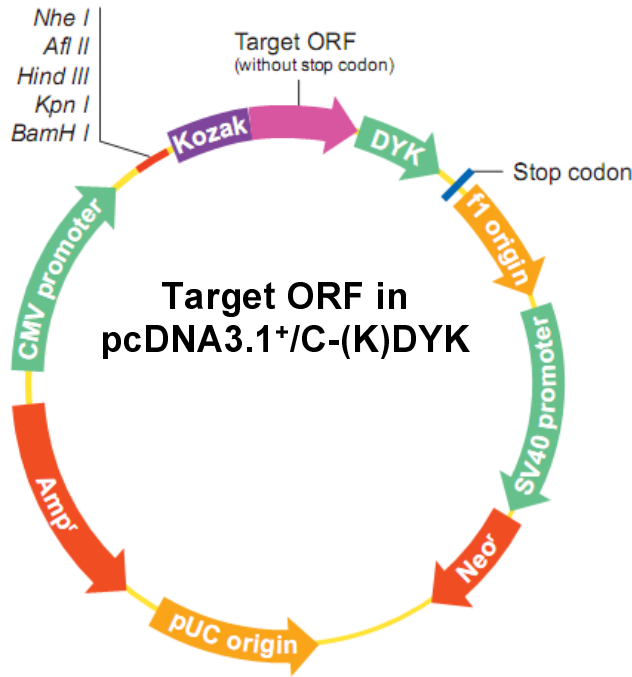
Fax: 1-732-210-0262

Email: [order@genscript.com](mailto:order@genscript.com)

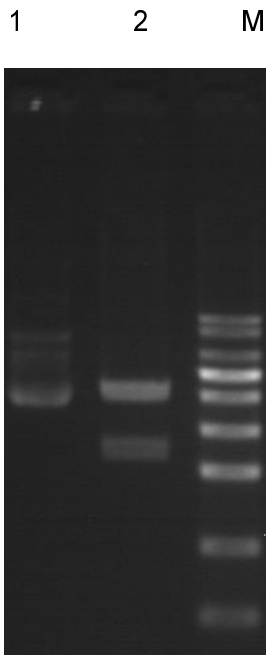
Web: [www.genscript.com](http://www.genscript.com)

**Plasmid Construct Map**

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

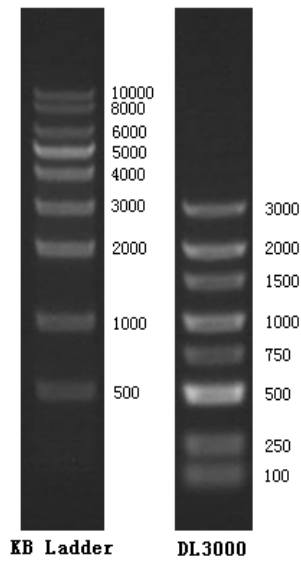


**Enzyme Digestion**



Lane M: KB Ladder  
Lane 1: OHu28462D plasmid  
Lane 2: OHu28462D 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)**

```
ATGAGTTGGT CCTTGCACCC CCGGAATTTA ATTCTCTACT TCTATGCTCT TTTATTTCTC TCTTCAACAT GTGTAGCATA TGTTGCTACC AGAGACAAC  
GCTGCATCTT AGATGAAAAG TCGGTTAGTT ATTGTCCAAC TACCTGTGGC ATTGCAGATT TCCTGTCTAC TTATCAAACC AAAGTAGACA AGGATCTACA  
GTCTTTGGAA GACATCTTAC ATCAAGTTGA AAACAAAACA TCAGAAGTCA AACAGCTGAT AAAAGCAATC CAACTCACTT ATAATCCTGA TGAATCATCA  
AAACCAAATA TGATAGACGC TGCTACTTTG AAGTCCAGGA AAATGTTAGA AGAAATTATG AAATATGAAG CATCGATTTT AACACATGAC TCAAGTATTC  
GATATTTGCA GGAAATATAT AATTCAAATA ATCAAAAGAT TGTTAACCTG AAAGAGAAGG TAGCCCAGCT TGAAGCACAG TGCCAGGAAC CTGCAAAGA  
CACGGTGCAA ATCCATGATA TCACTGGGAA AGATTGTCAA GACATTGCCA ATAAGGGAGC TAAACAGAGC GGGCTTTACT TTATTAAACC TCTGAAAGCT  
AACCAGCAAT TCTTAGTCTA CTGTGAAATC GATGGGTCTG GAAATGGATG GACTGTGTTT CAGAAGAGAC TTGATGGCAG TGTAGATTTT AAGAAAAACT  
GGATTCAATA TAAAGAAGGA TTTGGACATC TGCTCCTAC TGGCACAACA GAATTTTGGC TGGGAAATGA GAAGATTCAT TTGATAAGCA CACAGTCTGC  
CATCCCATAT GCATTAAGAG TGGAACTGGA AGACTGGAAT GGCAGAACCA GTACTGCAGA CTATGCCATG TTCAAGGTGG GACCTGAAGC TGACAAGTAC  
CGCCTAACAT ATGCCTACTT CGCTGGTGGG GATGCTGGAG ATGCCTTTGA TGGCTTTGAT TTTGGCGATG ATCCTAGTGA CAAGTTTTTC ACATCCCATA  
ATGGCATGCA GTTCAGTACC TGGGACAATG ACAATGATAA GTTTGAAGGC AACTGTGCTG AACAGGATGG ATCTGGTTGG TGGATGAACA AGTGTACCGC  
TGGCCATCTC AATGGAGTTT ATTACCAAGG TGGCACTTAC TCAAAAGCAT CTAATCCTAA TGGTTATGAT AATGGCATTG TTTGGGCCAC TTGGAAAACC  
CGGTGTTATT CCATGAAGAA AACCACATG AAGATAATCC CATTCAACAG ACTCACAATT GGAGAAGGAC AGCAACACCA CCTGGGGGGA GCCAAACAGG  
CTGGAGACGT TAA
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