

Certificate of Analysis

Product ID: OHu03185D Lot. No.: 740024-1459/Y92267

Product Information:

Gene Symbol: CLEC11A Accession No.: NM_002975

Cloning Vector: pcDNA3.1⁺/C-(K)DYK Gene Length*: 972 bp

Cloning Strategy: CloneEZ Plasmid size: 6362 bp

Antibiotic resistance: Ampicillin, 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

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Toll-Free: 1-877-436-7274

Tel: 1-732-885-9188

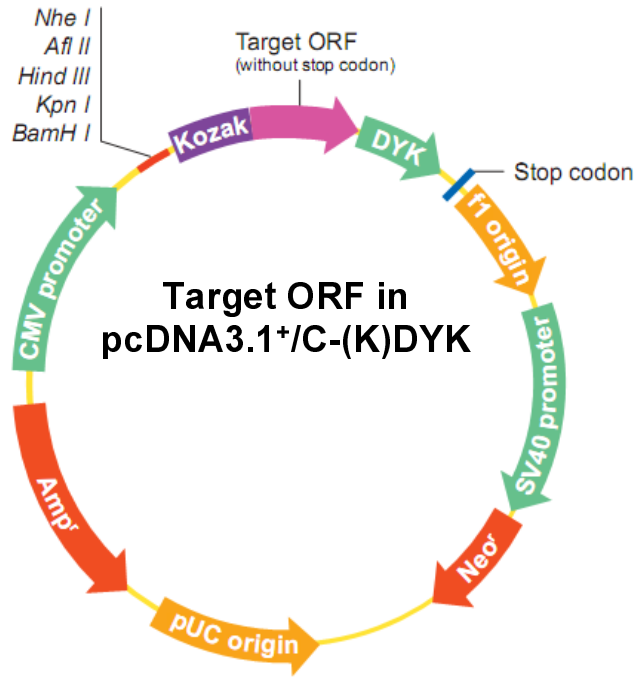
Fax: 1-732-210-0262

Email: order@genscript.com

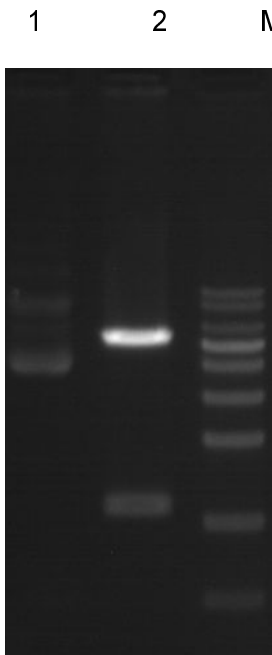
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Plasmid Construct Map

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

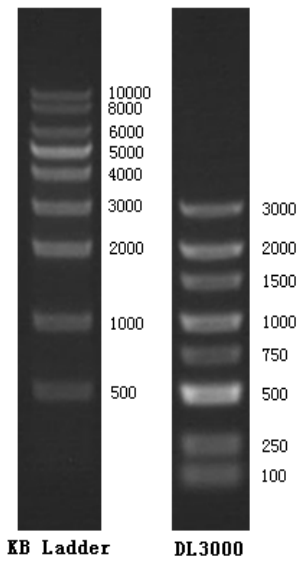


Enzyme Digestion



Lane M: KB Ladder
Lane 1: OHu03185D plasmid
Lane 2: OHu03185D plasmid digested by MluI

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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ATGCAGGCAG CCTGGCTTTT GGGGGCTTTG GTGGTCCCCC AGCTCTGGG CTTGGCCAT GGGGCTCGG GAGCAGAGAG GGAGTGGGAG GGAGGCTGGG
GAGGTGCCCA GGAGGAGGAG CGGGAGAGGG AGGCCCTGAT GCTGAAGCAT CTGCAGGAAG CCCTAGGACT GCCTGCTGGG AGGGGGGATG AGAATCCTGC
CGGAAGTGTG GAGGGAAAAG AGGACTGGGA GATGGAGGAG GACCAGGGGG AGGAAGAGGA GGAGGAAGCA ACGCCAACCC CATCCTCCGG CCCCAGCCCC
TCTCCCACCC CTGAGGACAT CGTCACTTAC ATCCTGGGCC GCCTGGCCGG CCTGGACGCA GGCCTGCACC AGCTGCACGT CCGTCTGCAC GCGTTGGACA
CCCGCGTGGT CGAGCTGACC CAGGGGCTGC GGCAGCTGCG GAACGCGGCA GGCACACCC GCGATGCCGT GCAAGCCCTG CAGGAGGCGC AGGGTCGCGC
CGAGCGCGAG CACGGCCGCT TGGAGGGCTG CCTGAAGGGG CTGCGCCTGG GCCACAAGTG CTTCTGTCTC TCGCGGACT TCGAAGCTCA GGCGGCGGGC
CAGGCGCGGT GCACGGCGCG GGGCGGGAGC CTGGCGCAGC CGGCAGACCG CCAGCAGATG GAGGCGCTCA CTCGGTACCT GCGCGGGCGC CTGCTCCTT
ACAACTGGCC CGTGTGGCTG GGCCTGCACG ATCGGCGCGC CGAGGGCCTC TACCTCTCG AAAACGGCCA GCGCGTGTCC TTCTTCGCCT GGATCGCTC
ACCCCGCCCC GAGCTCGGCG CCCAGCCAG CGCCTCGCG CATCCGCTCA GCCCGGACCA GCCCAACGGT GGCACGCTCG AGAACTGCGT GGCGCAGGCC
TCTGACGACG GCTCCTGGTG GGACCACGAC TGCCAGCGGC GTCTCTACTA CGTCTGCGAG TTCCCTTCT AG
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