

Certificate of Analysis

Product ID: OHU13172D Lot. No.: M65443

Product Information:

Gene Symbol: CLEC5A Accession No.: NM_013252

Cloning Vector: pcDNA3.1⁺/C-(K)DYK Gene Length*: 567 bp

Cloning Strategy: CloneEZ Plasmid size: 5957 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.	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=1.91 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	N/A	


 Certified by _____ Date: 02/11/2021

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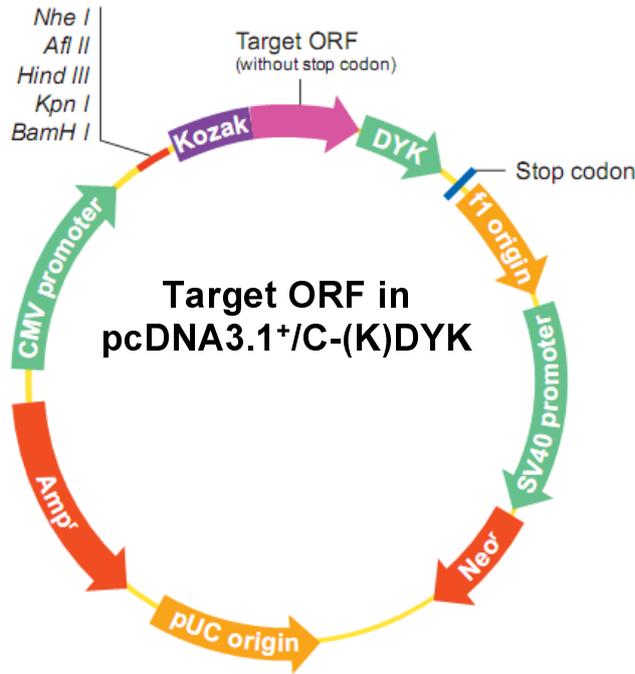
Fax: 1-732-210-0262

Email: order@genscript.com

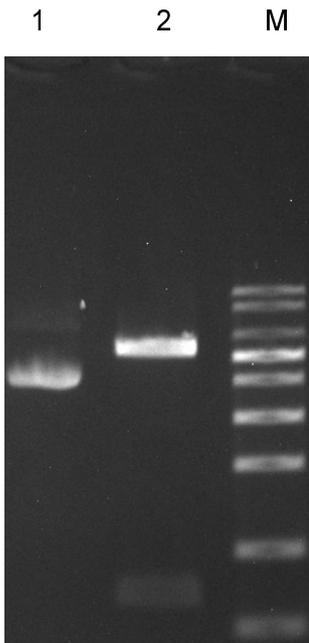
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Plasmid Construct Map

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

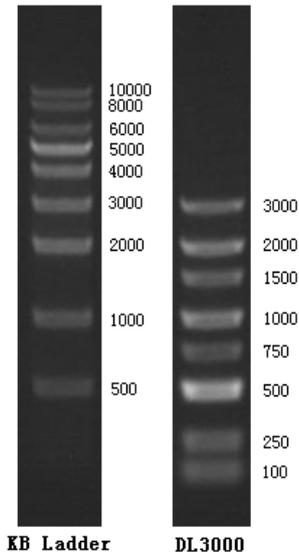


Enzyme Digestion



Lane M: KB Ladder
Lane 1: OHU13172D plasmid
Lane 2: OHU13172D plasmid digested by MluI and HindIII

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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ATGAACTGGC ACATGATCAT CTCTGGGCTT ATTGTGGTAG TGCTTAAAGT TGTGGAATG ACCTTATTTT TACTTTATTT CCCACAGATT TTAACAAAA  
GTAACGATGG TTTCACCACC ACCAGGAGCT ATGGAACAGT CTCACAGATT TTTGGGAGCA GTTCCCAAG TCCCAACGGC TTCATTACCA CAAGGAGCTA  
TGGAACAGTC TGCCCCAAG ACTGGGAATT TTATCAAGCA AGATGTTTT TCTTATCCAC TTCTGAATCA TCTTGAATG AAAGCAGGGA CTTTTGCAAA  
GGAAAAGGAT CCACATTGGC AATTGTCAAC ACGCCAGAGA AACTGAAGTT TCTTCAGGAC ATAAGTATG CTGAGAAGTA TTTTATTGGC TTAATTTACC  
ATCGTGAAGA GAAAAGGTGG CGTTGGATCA ACAACTCTGT GTTCAATGGC AATGTTACCA ATCAGAATCA GAATTTCAAC TGTGCGACCA TTGGCCTAAC  
AAAGACATTT GATGCTGCAT CATGTGACAT CAGCTACCGC AGGATCTGTG AGAAGAATGC CAAATGA
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