

Certificate of Analysis

Product ID: OHu20858D Lot. No.: 807234910-1/Y17733

Product Information:

Gene Symbol: DAP3 Accession No.: NM_001199849

Cloning Vector: pcDNA3.1⁺/C-(K)DYK Gene Length*: 1197 bp

Cloning Strategy: CloneEZ Plasmid Size: 6587 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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Tel: 1-732-885-9188

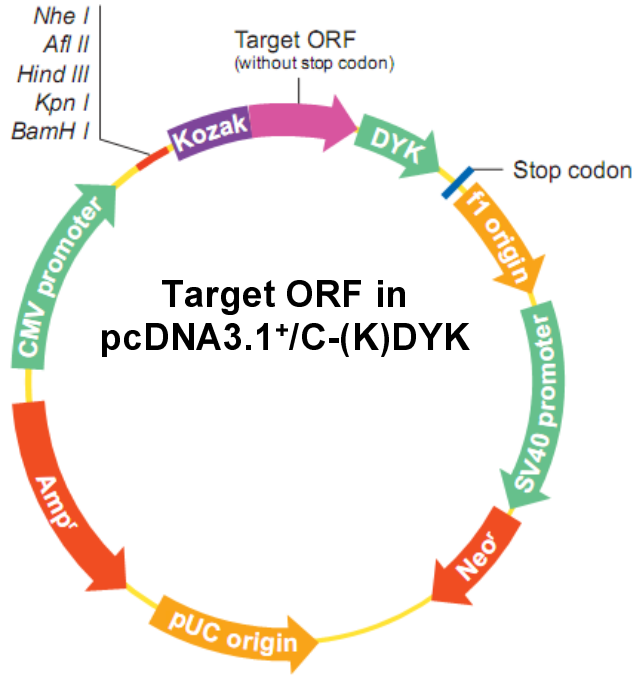
Fax: 1-732-210-0262

Email: order@genscript.com

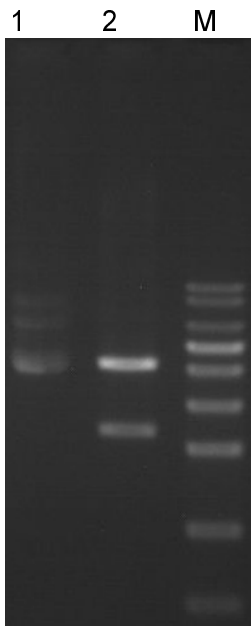
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Plasmid Construct Map

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

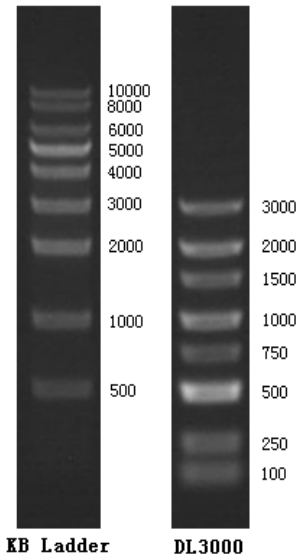


Enzyme Digestion



Lane M: KB Ladder
Lane 1: OHu20858D plasmid
Lane 2: OHu20858D plasmid digested by KpnI 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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ATGATGCTGA AAGGAATAAC AAGGCTTATC TCTAGGATCC ATAAGTTGGA CCCTGGGCGT TTTTACACA TGGGGACCA GGCTCGCCAA AGCATTGCTG
CTCACCTAGA TAACCAGGTT CCAGTTGAGA GTCCGAGAGC TATTTCCCGC ACCAATGAGA ATGACCCGGC CAAGCATGGG GATCAGCACG AGGGTCAGCA
CTACAACATC TCCCCCAGG ATTTGGAGAC TGTATTTCCC CATGGCCTTC CTCCTCGCTT TGTGATGCAG GTGAAGACAT TCAGTGAAGC TTGCCTGATG
GTAAGGAAAC CAGCCCTAGA ACTTCTGCAT TACCTGAAAA ACACCAGTTT TGCTTATCCA GCTATACGAT ATCTTCTGTA TGGAGAGAAG GGAACAGGAA
AAACCCTAAG TCTTTGCCAT GTTATTCATT TCTGTGCAAA ACAGGACTGG CTGATACTAC ATATTCCAGA TGCTCATCTT TGGGTGAAAA ATTGTGCGGA
TCTTCTGCAG TCCAGCTACA ACAAACAGCG CTTTGATCAA CCTTTAGAGG CTTCAACCTG GCTGAAGAAT TTCAAAACTA CAAATGAGCG CTCCTGAAC
CAGATAAAG TTCAAGAGAA GTATGTCTGG AATAAGAGAG AAAGCACTGA GAAAGGGAGT CCTCTGGGAG AAGTGGTTGA ACAGGCATA ACACGGGTGA
GGAACGCCAC AGATGCAGTT GGAATTGTGC TGAAAGAGCT AAAGAGGCAA AGTCTTTGG GTATGTTTCA CCTCCTAGTG GCCGTGGATG GAATCAATGC
TCTTTGGGA AGAACCCTC TGAAGAGAGA AGATAAAGC CCGATTGCC CCGAGGAATT AGCACTTGT CACAACCTGA GGAAATGAT GAAAAATGAT
TGGCATGGAG GCGCCATTGT GTCGGCTTTG AGCCAGACTG GGTCTCTCT TAAGCCCGG AAAGCCTATC TGCCCCAGGA GTTGTCTGGGA AAGGAAGGAT
TTGATGCCCT GGATCCCTT ATTCCCATCC TGGTTTCCAA CTATAACCCA AAGGAATTTG AAAGTTGTAT TCAGTATTAT TTGAAAAACA ATTGGCTTCA
ACATGAGAAA GCTCCTACAG AAGAAGGGAA AAAAGAGCTG CTGTTCTAA GTAACGCGAA CCCCTCGCTG CTGGAGCGGC ACTGTGCCTA CCTCTAA
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