

Certificate of Analysis

Product ID: OHu19884D Lot. No.: 807234580-1/Y18231

Product Information:

Gene Symbol: CHST9 Accession No.: NM_031422

Cloning Vector: pcDNA3.1⁺/C-(K)DYK Gene Length*: 1332 bp

Cloning Strategy: CloneEZ Plasmid Size: 6722 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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Toll-Free: 1-877-436-7274

Tel: 1-732-885-9188

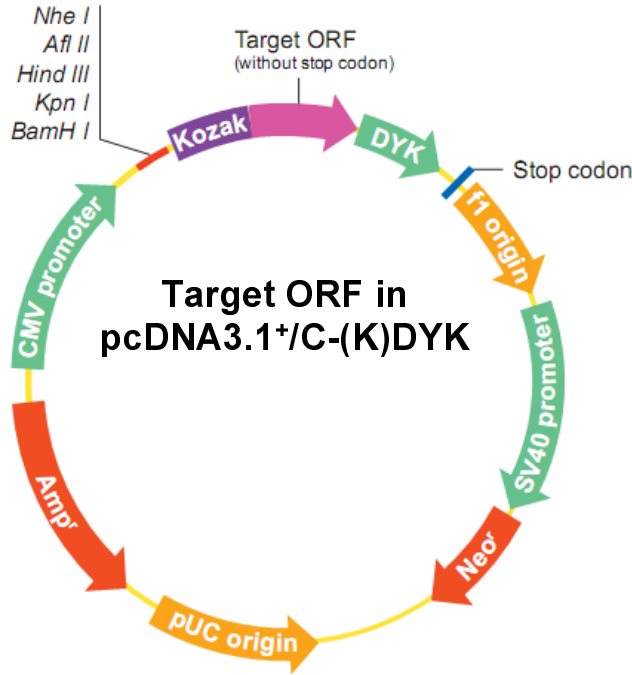
Fax: 1-732-210-0262

Email: order@genscript.com

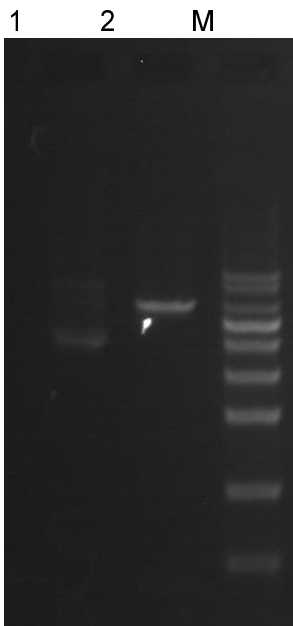
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Plasmid Construct Map

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

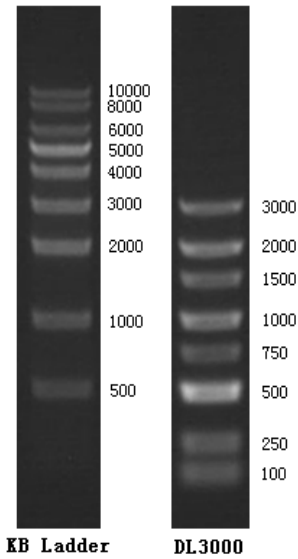


Enzyme Digestion



Lane M: KB Ladder
Lane 1: OHu19884D plasmid
Lane 2: OHu19884D plasmid digested by 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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ATGCAGCCAT CTGAAATGGT CATGAACCCC AAACAAGTCT TCCTCTCTGT GCTGATATTT GGAGTAGCTG GGCTACTCCT CTTATGTAT TTGCAAGTCT
GGATTGAAGA ACAACATACA GGGAGAGTGG AGAAGAGAAG AGAACAAAAA GTAACCTCAG GATGGGGACC AGTGAAGTAC TTGCGGCCTG TACCCAGAAT
CATGAGTACA GAAAAAATCC AGGAACATAT CACCAACCAG AACCCCAAGT TTCACATGCC TGAGGATGTA CGAGAAAAAA AGGAAAATCT TCTACTCAAT
TCTGAGAGAT CTACTAGGCT CTTAACAAAG ACCAGTCATT CACAAGGAGG GGATCAAGCT TTAAGTAAGT CCACAGGGTC ACCAACAGAG AAGTTGATTG
AAAAACGTCA AGGAGCTAAG ACTGTTTTTA ACAAGTTCAG CAACATGAAT TGGCCAGTGG ACATTCACCC TTAAACAAA AGTTTAGTCA AAGATAATAA
ATGGAAGAAA ACTGAGGAGA CCAAGAGAA ACGAAGGTCT TTCCTCAGG AGTTTTGCAA GAAATACGGT GGGGTGAGTC ATCATCAGTC ACATCTTTTT
CATACAGTAT CCAGAATCTA TGTAGAAGAT AAACAAAAA TCTTATATTG TGAGGTACCT AAGGCTGGCT GTTCCAATTG GAAAAGAATT CTGATGGTAC
TAAATGGATT GGCTTCCTCT GCATACAACA TCTCCACAA TGCTGTCCAC TACGGGAAGC ATTTGAAGAA GCTAGATAGC TTTGACCTAA AAGGGATATA
TACCCGCTTA AATACTTACA CCAAAGCTGT GTTTGTCGT GATCCCATGG AAAGATTAGT ATCAGCCTTT AGGGACAAAT TTGAACACCC CAATAGTTAT
TACCATCCAG TATTCGGAAA GGCAATTATC AAGAAATATC GACCAAATGC CTGTGAAGAA GCATTAATTA ATGGATCTGG AGTCAAGTTC AAAGAGTTTA
TCCACTACTT GCTGGATTCC CACCGTCCAG TAGGAATGGA CATTCACTGG GAAAAGGTCA GCAAACCTCTG CTATCCGTGT TTGATCAACT ATGATTTTGT
AGGGAAATTT GAGACTTTGG AAGAAGATGC CAATTACTTT TTACAGATGA TCGGTGCTCC AAAGGAGCTG AAATTTCCCA ACTTTAAGGA TAGGCACTCT
TCCGATGAAA GAACCAATGC TCAAGTCGTG AGACAGTATT TAAAGGATCT GACTAGAACT GAGAGACAAT TAATCTATGA CTTTTATTAC TTGGACTATT
TAATGTTTAA TTATACAACCT CCATTTTTGT AG
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