

Product datasheet for **SC114245**

C9orf78 (NM_016482) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C9orf78 (NM_016482) Human Untagged Clone
Tag:	Tag Free
Symbol:	C9orf78
Synonyms:	bA409K20.3; chromosome 9 open reading frame 78; hepatocellular carcinoma-associated antigen 59; HSPC220; HSPC220, bA409K20.3; OTTHUMP00000022352
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_016482, the custom clone sequence may differ by one or more nucleotides

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ATGGTGGATATGAAGAACTGAAGGAAAGGGCAAAGATAAGATCAGTGAGGAGGAGGACCTGCACCTGG
GGACATCGTTTTCTGCAGAAACCAACCGAAGGGATGAGGATGCAGACATGATGAAGTACATTGAGACAGA
GCTAAAGAAGAGGAAAGGGATCGTGGAACATGAGGAACAGAAAGTTAAGCCAAAGAATGCAGAGGACTGT
CTTTATGAACTTCCAGAAAACATCCGTGTTTCTCAGCAAAGAAGACCGAGGAGATGCTTTCCAACCAGA
TGCTGAGTGGCATTCTGAGGTGGACCTGGGCATCGATGCTAAAAATAAAAAATATCATTTCACGGAGGA
TGCCAAGGCCGTCTGCTGGCAGAGCAGCAGAACAAGAAGAAAGACAGCGAGACCTCCTTCGTGCCTACC
AACATGGCTGTGAATTATGTGCAGCACAACAGATTTTATCATGAGGAGCTCAACTGCGCCATACTGAGA
AACAAAGAAGAGCCCAAGGCCCGCCCTTGAGAGTAGGTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_016482 unedited
 GTCAAATTTGTATACGACTCACTATAGGCGGCCGCAATTGCGACGAGGTCCGNGAGATT
 TTCCGTCGCCCGCGGGGCGACTCGGAGTCAGACGAAGATGAGCAGGACTCAGAGGAGTT
 CGATTAAAACTGGAAGAGACCAGAGAGGTACAGAACTTGAGGAAGAGGCCCAACGGGGTG
 AGTGCTGTGGCCTTGCTGGTGGGAGAGAAGGTACAAGAGGAGACCACTCTAGTGGATGAT
 CCCTTTTCAGATGAAGACAGGTGGTATGGTGGATATGAAGAACTGAAGGAAAGGGGCAAA
 GATAAGATCAGTGAGGAGGAGGACCTGCACCTGGGGACATCGTTTTCTGCAGAAACCAAC
 CGAAGGGATGAGGATGCAGACATGATGAAGTACATTGAGACAGAGCTAAAGAAAGAGGAAA
 GGGATCGTGGAACATGAGGAACAGAAAGTTAAGCCAAAGAAATGCAGAGGACTGTCTTTAT
 GAACCTCCAGAAAACATCCGTGTTTCTCAGCAAAGAAGACCGAGGAGATGCTTTCCAAC
 CAGATGCTGAGTGGCATTCTGAGGTGGACCTGGGCATCGATGCTAAAATAAAAAATATC
 ATTTCCACGGAGGATGCCAAGGCCCGTCTGCTGGCAGAGCAGCAGAACAAGAAGAAAGAC
 AGCGAGACCTCCTTCGTGCCTACCAACATGGCTGTGAATTATGTGCAGCACAACAGATTN
 TATCATGAGGAGCTCAACGCGCCATACGGAGAAACANAGAAGAGCCCAAGGCCCGGCC
 TTGAGAGTAGGTACCCGGAGAACCAGAGCCTGAGCGGTCCCCTCCTAACCCGCAGCGTC
 CTGCTAACCGAGAAGGCACTGATGACTATCATTATGAGGAGTTCAAGAAAATGAATANNG
 CGTACTGAGNTGTGCAGAGTGGGATGTAAT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_016482 unedited
 GACGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTGAAACAAAGATTTTTTGTCTCGTTGCCAAGCTGGAGTACAAAGGGGCAATCTCGGCT
 CACCACAACCTCCGCCTTTGGGTTCAAGCAATACTCCTGCCTCACCTCCTGAACAACCT
 GGGATTACACGCCTGTGACACCACACCTGGCTAACTTTACTGAATTCACCCCCAAACCG
 GGCACCCCCCTGTTGAGTTAATTGGCATACCAACACCCACCTACGGCGATCCCCCCC
 ACCCACCCTCCACCACACCCCGAATTGCCTGACCCCCACCCACCCACCCCCCCCAC
 CAAACCTATACCACTGGCAGGGCTCTCCTGGTACAGGAAGGCCACCCCCCCCACTCTC
 TCCCGCACACCCCAACAATCATCCCTCCACCTCCCCCCCCATATAATTCTACATTA
 CCCCCACCCCTCCACATACTTACCTTACCTTTACCTTGGGGAAACCCCATACACTCA
 ACTTATCTATTACCCCCACACCAATGGAACCCCCACCACTTCCCTTCTCCCCCAC
 CCTCATGCAACCAATACCCACACTTTACTCCGCCCTCCTCCCCCTCCCCATATCCACAC
 CACTCACCCACCCACTAACTGTTATCCACACCTATCCATCCCATCTCCTCCCCCTCCACTC
 CCCCCCCCCGTCTTTCCCCCTCCCTTCAACCATTTTCATCACCTTATCAGTCTTAAC
 CAAACACCTATCTCCCTCATCCACTCCACCAACCTCCCCACCCATTCTCCACCCAT
 TCCCCACCTACTCTTTCATCGCTCCACCCACCCACCAACCCTAAACCTCACACA
 CCCCTCCCCCACCTTAGATTCTATCCCGCATTTTAACTTCGACCCCCCACCCACCA
 GCCGCCN

Restriction Sites:

NotI-NotI

ACCN:

NM_016482

Insert Size:

1310 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_016482.2](#), [NP_057566.1](#)

RefSeq Size: 1835 bp

RefSeq ORF: 1818 bp

Locus ID: 51759

Cytogenetics: 9q34.11

Gene Summary: Involved in the regulation of telomeric heterochromatin assembly and control of telomere length.[UniProtKB/Swiss-Prot Function]