

Product datasheet for **SC324382**

C9orf78 (NM_016520) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C9orf78 (NM_016520) Human Untagged Clone
Tag:	Tag Free
Symbol:	C9orf78
Synonyms:	bA409K20.3; CSU2; HCA59; HSPC220
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_016520.2
 GGGGGCTGTACAACCTCGGCCGTTGTACCATGCCGGTCCGGAAGATTTCCGTGC
 GCCGGGTGACTCGGAGTCAGAGGAAGATGAGCAGGACTCAGAGGAGGTTTCGATTA
 TGGAAAGACCAGAGAGGTACAGAACTTGGGAAGAGGCCAACGGGGTGGTGTG
 CCTTGCTGGTGGGAGAGAAGGTACAAGAGGAGACCACTCTAGTGGATGATCCCTT
 TGAAGACAGGTGGTATGGTGGATATGAAGAACTGAAGGAAAGGGCAAAGATAAG
 ATCA GTGAGGAGGAGGACCTGCACCTGGGGACATCGTTTTCTGCAGAAACCA
 ACCGAAGGGATCGTGG AACATGAGGAACAGAAAGTTAAGTCAAAGAATGCAGAG
 GACTGTCTTTATGAACTCCAG AAAACATCCGTGTTTCTCAGCAAAGAAGACCG
 AGGAGATGCTTTCCAACAGATGCTGA GTGGCATTCTGAGGTGGACCTGGGCAT
 CGATGCTAAAAATAAAAAATATCATTTCACGG AGGATGCCAAGGCCCGTCTG
 CTGGCAGAGCAGCAGAGCAAAGAAGACAGCGAGACCT CCTTCGTCCCTACCA
 ACATGGCTGTGAATTATGTGCAGCACACAGATTTATCATGAGG AGCTCAACG
 CGCCATACGGAGAAACAAAGAAGAGCCCAAGGCCCGCCCTTGAGAGTAG GT
 GACACGGAGAAGCCAGAGCCTGAGCGGTCCCCTCCTAACCGCAAGCGTCTG
 TCAACG AGAAGGCAACTGATGACTATCATTATGAGAAGTTCAAGAAAATGA
 ATAGGCGGTACTGAG TTGTGCAGAGTGGGATGTAATATCGCCTTCTCTCC
 CTATATCCCTCCCATGAAAAATG GCTTCTGGCCGGGCGTGGTGGCTCCTGC
 CTGTAATCCCAGCACTTTGGGAGGCCGAGGT GGGCGGATCACCTGAGGT
 CGGGAGTTTGGAGACCAGCCTGACCAACATGGAGAAACCCAGT CTCTACT
 GAAAAACAGAAAAAGTTAGCCAGGCGTGGTGGCACATGCCTGTAATCCCAG
 CTGCTCAGGAGGCTGAGGCAGGAGAATTGCTTGAACCAAGAGGCGGAGGT
 GTGGTGGAGCC GAGATTCACCTTTGACTCCAGCCTGGGCAACGAGCAAAAA
 ACTCTGTCTCAAAAAAAA AAAAAAAAAGAAAAAGAAAAATGGCTTCCAGG
 ACAGAGCATGCTCATTGCTGG CGGACAGTCCAGAAACAGACCCTGTTAGT
 CTTCTACTTACCTGCTGGATTTTTCAAGC ACTAAATTTATACTTTTTGAA
 ACAAAATAATGTGAATTTTCCATTTGGGGGCAAACTC TATTCTTGAGC
 ATTATAATCTTGTGTTGTAATATATTGTCTTTCTTAATATTTG CTCTGG
 GTCAGGAAGAAGCTGTTACGGTGTGATAATACTCTTTAGATTGTGCTTTC
 ATTATAGATGCATCATGTCTTCTGCTTTCACGTGTCTGGGATGGGGT
 CAGAAATGCATCC TCCAGCTGACAGAAAAATCCAGGATGAGATCAGAA
 GATACTGGTGTCTGACTTTTA CAAAATTACTTTGTTTTCATTA
 AAAAAAAGCATAAACTATGTTTCTTATTACTATT AGAATTATTAATTT
 CAAAATGAATCTAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: EcoRI-XhoI

ACCN: NM_016520

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_016520.2](#), [NP_057604.1](#)

RefSeq Size: 1835 bp

RefSeq ORF: 870 bp

Locus ID: 51759

UniProt ID: [Q9NZ63](#)

Cytogenetics: 9q34.11

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