

Product datasheet for **SC105080**

C9orf64 (NM_032307) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: C9orf64

Mammalian Cell None

Selection:

Vector: pCMV6-XL5

E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF within SC105080 sequence for NM_032307 edited (data generated by NextGen Sequencing)

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ATGGACGGGCTCTAAATCCCAGGGAATCCTCTAAATTCATTGCAGAAAACAGTCGGGAT
GTGTTTATTGACAGCGGAGCGTACGGAGGGTGGCAGAGCTGCTGCTGGCCAAGGCGGCG
GGGCCAGAGCTGCGCGTGGAGGGGTGAAAAGCCCTTCATGAGCTGAACCCAGGGCGGCC
GACGAGGCCGCGGTCAACTGGGTGTTCTGACAGACACGCTCAACTTCTCCTTTTGGTCG
GAGCAGGACGAGCACAAGTGTGTGGTGAAGTACAGAGGAAAACATACAGTGGGTACTGG
TCCCTGTGCGCCCGCTCAACAGAGCCCTCGACGAAGGGATACCAATAACTAGTGCCTCG
TACTACGCGACAGTGACCCTGGATCAGGTTTCGGAATATACTTCGTTCTGACACAGAGCTT
TCCATGCCTTTAGTAGAAGAGAGGCATCGGATTCTCAATGAAACCGGAAAAATTCTGCTG
GAGAAGTTTGGAGGCTCTTTTCTCAACTGCGTCCGAGAAAGTGAGAATAGTGCGCAGAAG
TTAATGCACCTGGTGGTTGAAAGTTTCTTCTTACAGAGATGTGACTCTGTTTGGAGGG
AAAAGAGTTTCTTTTACAAACGAGCCCAATCCTTGTAGCAGATACGTGGAGTGTATTG
GAAGGAAAAGGAGATGGCTGCTTCAAGGACATCTCCAGTATCACCATTGTTGCTGATTAT
AGATTACCTCAGGTTCTTGCTCATCTTGGAGCCCTGAAATACTCTGATGACCTACTGAAG
AAGCTTCTCAAAGGAGAAATGCTCTCATATGGAGACAGGCAAGAGGTGGAATCAGAGGG
TGCTCGCTTTGGTGTGTTGAGCTGATCCGGGATTGTCTTCTGGAGCTTATTGAACAAAAG
GGTGAAAAACCTAATGGAGAGATCAATTCCATTCTTCTGGATTATTACTTATGGGACTAT
GCCCATGACCATAGGGAAGATATGAAAGGAATCCGTTTCATCGCATACGTTGCATATAT
TATTGA
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Clone variation with respect to NM_032307.3



5' Read Nucleotide

Sequence:

>OriGene 5' read for NM_032307 unedited
TGTATACGACTCACTATAGGCGGCACGCGATTTCGGCACGAGGGCCAGCGAGCTGCCCCG
GGGTCTCTCTGGTTTCCTAATCAGGGCAACGCCGCGGAGAGAACCTTTACCTTGGCTGC
ACTAAGTTCTCGGTGCCACTCCTGGCAGGGCGGGACCTTGTTTAGGCCCTGTGATCGCG
CGGTTCTAGTAGCGCAAGGCGCAGAGTGGACCTTGACCCGCCTAGGGCGGGAAGATT
GGCCCCCGGGTCCCAAGGGCAGAATGGACGGGCTCCTAAATCCCAGGGAATCCTCTAA
ATTCATTGCAGAAAACAGTCGGGATGTGTTTATTGACAGCGGAGGCGTACGAGGGTGGC
AGAGCTGCTGCTGGCCAAGGCGCGGGGCCAGAGCTGCGCGTGGAGGGGTGAAAGCCCT
TCATGAGCTGAACCCAGGGCGGCCGACGAGGCCGCGGTCAACTGGGTGTTCTGTACAGA
CACGCTCAACTTCTCTTTTGGTCGGAGCAGGACGAGCACAAGTGTGTGGTGAGGTACAG
AGGGAAAACATACAGTGGTACTGGTCCCTGTGCGCCGNCGTCAACAGAGCCCTCGACGA
AGGGATACCNAACTAGTGCCTCGTACTACGCGACAGTGACCCTGGATCAGGGTCAGAA
TATACTTCGTTCTGACACAGACGTTNCCATGCCTTTAGTAGAAGAGAAGCATCCGATTCT
CAATGAACCCGGGAAAATTCTGCTGGAGAGTTTGAAGCTCTTNNCTCACTGCGTCCGAA
AAGTAAAAATAGTCGCAAAAGTTATGCACCTGGNGGNTGAAAGTTTTCCTTCTACAGA
AAGGACCTTGGTGAAGGAAAAAGTTTTTTTACAACAAACCAATCCTGTTACATACC
TGAATTGTTTGGAAAAAGAAAAGGCTCT

3' Read Nucleotide

Sequence:

>OriGene 3' read for NM_032307 unedited
ATGTACGGCCGCATCTATATCGAGTTTTTTTTTTTTTTTTTAAAGAAATTTGAATA
TTTTTATTGAATTCGAATATAGTTACTCTGAAAAAACAAATTAGACAGATATCCTAAATT
GAAAATCATGATGTACAAAACCCACTGTCAATACCAATAAAAAAGTTTAAATAAAGTGTC
AAGATTGATTTTTACAAGAACAGCATTATATATCAAAAACCTCTCTTTTTTATACCA
AATGATTAAGGTATACTGAAAATTACACACCTCAAGAAAATATATCAGTAGATGAAATAT
TATCACTGAAGATTAGTCACATAAGGCATGATTAGTTTTGGGAAATTTAAATAAAATATT
AAAGTTCCTTACGATTTCCTCAACTACATGTCCACAGGGGGGAAAAAAAAAACATA
AGTCAAACTAAACAGGCAGACAAATGATAAGTTGGGAATACATAGCGATGTCAGGAAT
TTTTTTTTTTTTGAGACAAGGTCTCCATCTGTTGCCAGGATAGAATGCAGTGGCGTGAC
TGTGGCTCACTGCAGCCTCAAACCCCTGGGCTCAAGCAATCCACCCTCCTCAGCCTCAGC
CTACCGCGTATTTGGGATTACAGAGCGTGCCACCATGTAGGCTAATTTTTAAATTTTGT
TAGAGATAGGGGTCTCCCTATGTTGCCTAGGCTGGTCTTGAACCTCTCGCCTTAAGCAA
TCCTCTGCTCTGGCCTCCCAAAGTGCTAAGATTATACATATGAGCCCCACATCTGGCC
TAGGAAGTTTTGTTGTTGCTGTGCTGCTCGCTCCNCTTTCCGAAAAAACTCAACTCTT
GTGCTGAGGCTGGAGGCAAGGGCTTAATTCGCCTACTGAACCTCCACTTCTGATGCAAGC
AATCTTTTGCTACACCTCCAATACCGGGATTACAGGCGCGCCCAACCCCACTTTATTGGT
TAAAAAAGAGGTTTACATTTGGGCACGGGCTAAATTTTCGCT

Restriction Sites:

NotI-NotI

ACCN:

NM_032307

Insert Size:

2600 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_032307.1, NP_115683.1</u>
RefSeq Size:	2010 bp
RefSeq ORF:	483 bp
Locus ID:	84267
UniProt ID:	<u>Q5T6V5</u>
Cytogenetics:	9q21.32
Gene Summary:	Involved in salvaging queuosine.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).