

Product datasheet for **SC214817**

C3orf19 (CCDC174) (NM_016474) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	C3orf19
Synonyms:	C3orf19; ctrl; HSPC212; IHPM; IHPMR
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PSI00062)
ACCN:	NM_016474
Insert Size:	1491 bp



Insert Sequence:

>SC214817 3'UTR clone of NM_016474

The sequence shown below is from the reference sequence of NM_016474. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
ATGATTTTCTATTACAAACAAGTGACATGATCTTTCAAAGCACGCTGACTTGGGTTTGTACTTTGACAG
TGCTTTTCTCTCCAGAGGGAGAAATAACTTTAGGAAGTGAATTTGTACCTTTGTCTGTCTTTCCCTA
GGAGGCACAGAGCTTCGGGTTGGATTGTGACGCAAGGAGGAAAGTTATGGAACTTTGGCCACTTGGCTG
TTCATTTTATTCTAAGTGGGATAGGACATACCTACCTGGATTACATGTGAGCTGCGATAGAATAGAA
GTATTTATTCTGTAAATTAGACACTGAGATGTGCTTATAACCCTGTTTCATATCTACTCCACGACTT
ACTCATATTTAAGGGTTCTTTTCCATTCTTTTGCAAATCCGAGCATGCAGGTGTCTTTATTCCAAGGG
TTCAGCTTCAGATCAGCCGATGGACCATAGGTCACGAGGAATTTCTCCCTGTCAAGCAGTGGAAAAC
GCATGGGAGGCAAAATGCTCTGTTCTCAAGAGGACCCGGAAGTAATCACATAGGAAATGATAAGGAAG
ACCAGGAGGAGCTCTTCGTAGTCCAGAAAGGTAGAAGTGGGAGTTGTTTACTTAATTTTACTGTCTAC
CATGCTATTACCTACACTCCTGTGTGAGTGGGCATTAGTAAATGTGTGTTGAAGGACTGGGACGTAC
GTGGAGGCTGCTGGACCTGGTCAGAGACTGATGTGCCTTAGCGGCAATGGTTAGAGCTTTTCACTGCAT
CCCACCTCCCTGTGCCCCCATGCTCGGCTTCTCACATTACAGGAGCTGACTTGGATCAGACTTGGG
CTGCACAGTGGAGCAGGTGGGTTCCCGTGTCTAGTAAAGGAGAGGGTTGGGGTGGGAGGGCTC
CAGAAAGTCAGCAGTGTGCTGGGCACCCACCCATCCTCTACCTGCCACCTCAGAGGGTTCCTACA
GCTGCACACAAGCAGTTGAGAGTTGATGACCAGGCCCATAGGGCTCCCACAGCTGGTCCCAGGCCAGT
GAGTGTGTGAGAATACAGTAGCACAAGTCTTGTCTCTGAAGAGTGGGAAGGAGAGGAGTGAGTGAA
GTAGCCTGTCCCCTGCAGGTCTCTGCGATGGCATTGTCTCGGTTCCCGCAGTGTGAGTGTGGAAGG
GAGTGGCCCATCCTCATTACAGATGACACACTGGAGTGTGGAGGGTTCGATGACTTGTGAGGGTCATA
TGGTACCTAAGGGGAGATCTCAGACTTAAACAAATTGATGTCTAACCCTAGACAGTCTTTTTAGTG
CCCTGTGCTCTAGTCTTGTGGCCCTAGTATCAAGCAATCTTAGACAAACATCCTGAATCTTACAAAC
TTACCTCTAAACTCTGAGGATAAAGTTGCCAGTCTTTTAAATGGTCAGCCTAATCATTCTGTCAGCCTA
ATCGGGTAATTGCTTTTTTAAATAAATACACATAAAAAACAA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:

SgfI-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:

[NM_016474.5](#)

Summary:	The protein encoded by this gene is found in the nucleus, where it interacts with eukaryotic translation initiation factor 4A, isoform 3. The encoded protein appears to be a part of the exon junction complex, which is involved in RNA processing, translation, and nonsense-mediated mRNA decay. A mutation in this gene has been associated with infantile hypotonia with psychomotor retardation. [provided by RefSeq, Mar 2016]
Locus ID:	51244
MW:	54.2