

Product datasheet for **SC105496**

CCDC102B (AK057282) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC102B (AK057282) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC102B
Synonyms:	ACY1L; AN; C18orf14; HsT1731
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AK057282, the custom clone sequence may differ by one or more nucleotides

```

ATTCCAAGAACCTGGACAACCTGCCGTCAAGACTTTCCATCAGGTCTTAAAAATAAATATGAATTTAGAT
TCCATACATCGATTAATTGAGGAAACACAGATCTTCCAGATGCAACAATCATCAATTAAGTCACGCGCG
ACATGGTGGCCCTGCCTCACCCCCAGGGATACCTGTAATACCTGCTTCCCCTTCATGGGCTACAATC
TCATGCTGCTCACAATTTCTGTGCTCACTCATATAACACCAACAAATGGGATATTTGTGAAGAACTTCG
CTGCGGGAGCTTGAAGAAGTCAAGGCCAGAGCTGCTCAGATGGAAAAGACCATGCGGTGGTGGTGGACT
GCACTGCCAACTGGAGAGAAAAATGGAGTAAAGTTCGAGCTGAAAGGAACAGTCCAGGGAGGAAGGAAG
ACAACCTCAGAATAAACTAGAGATGGCGATGAAAGAATTGAGTACACTGAAAAAGAAACAGAGTTTGCCA
CCTCAGAAGGAGGCATTAGAAGCTAATGTTACCCAGGATCTGAAGCTTCTGGCTTCGTAGAAGAATCCT
GTGAACATACAGACCAATTTCAATTGAGTTCACAAATGCATGAGTCTATCAGAGAGTATTTGGTAAAAAG
ACAATTTTCTACAAGGAGGACACAAAATAAAGGAACAAGGTGTGGTTATTGATTCTCTAAAAATTAAGT
GAGGAGATGAAGCCCAATCTAGATGGTGTGTTATTATTCAACAATGGTGGTTCTGGAAACGGTGAACGA
AAACTGGGCTGAGACTGAAAGCAATAAATCTGCCTTTGGAAAAATGAAGTAACTGAAATTTAGCTTTGCA
GGTGCAATTTGGATGAATCCAAAAAATCTATGGAAGGAAAGAGAAAATGCGCACAGCTTTGGAAAAAGAA
ATAGAGAGACTGGAGTCGGCTTTGTCTCTGTGGAAGTGAAGTATGAAGAGCTGAAAGAATCAAAGCCAA
AAAATGTGAAAGAGTTTGACATTTCTTGGTCAACATAATGATGAAATGCAAGAAGTGCAGGCAATAT
AAAGGAAGAATCCAATCTCAAAACAGCAAAGACAGAGTATTTGTGAGTTAAGAGCAGAGCTAGAGAGA
TTGCAAGCTGAAAAATACCTCGGAGTGGGACAAGAGGAAATACTTGAAAGAGAAAAAGCAGGGACTGGAGA
GAGAAAAATAGAAGGCTGAAGATCCAGGTGAAAGAAATGGAAGAGCTTTTGGATAAGAAAAATAGATTAAG
TGCAAACTCTCAAAGTCTGATTTCAAGATGTCACAAATTGATCTGCAAGAAAAAAACCAGGATGTAAAA
TAACGTTTCATGCATCTGAAACAAAGTGTGTCAAATGTTAAAAATATGACAAATCTTCAGACAGTTTCAAGA
TTTCCAAAAGGAAGAAGAAAAATGAAGTAAAGAAATAGAAGTCTTGGTTTTTTGTTTCTTATTAAGCTT
TGCTCAGTATTTCTAAGCTAATGATCTTATTTCCAATAAAGATTTTTTTCATTAATTCAAGCGACT

```



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for AK057282 unedited
 TTCGCATTGTAACGACTCATATAGGGCGGCCGGAATTCGCACCAAATTTGTCATACAT
 TTCCTGTCTTTAAAAAACTGTATACTAAGCAAACTCAGGTCTTAAAAATAAATATGA
 ATTTAGATTCCATACATCGATTAATTGAGGAAACACAGATCTTCCAGATGCAACAATCAT
 CAATTAAGTACACGCGCGACATGGTGGCCCCTGCCTCACCCCCAGGGATACCTGTAATA
 CCTGCTTCCCACCTCATGGGCTACAATCTCATGCTGCTCACAATTTCTGTGCTCACTCAT
 ATAACACCAACAAATGGGATATTTGTGAAGAAGTTCGCCTGCGGGAGCTTGAAGAAGTCA
 AGGCCAGAGCTGCTCAGATGAAAAAGACCATGCGGTGGTGGTCCGACTGCACTGCCAACT
 GGAGAGAAAAATGGAGTAAAGTTCGAGCTGAAAGGAACAGTGCCAGGGAGGAAAGAAAGAC
 AACTCAGAATANAAGTAGAGATGGCGATGAAAGAATTGAGTACACTGAAAAAGAAACAGA
 GTTTGCCACCTCAGAAGGAGGCATTAGAAGCTAATGTTACCCAGATCTGAAGCTTCTG
 GCTTCGTAGAAGAATCCTGTGAACATACAGACCAATTTCAATTGAGTTCACAAATGCATG
 AGTCTATCAAAGAGTTATTTGGTAAAAAGACAATTTCTACCAAGGGAGGACCCAATTA
 TAAGGAACAAGGGGGGGTATTGATTCTCTAAAATTAAGTGGAGGAAATGAGCCCAATC
 TAGGTGGGGGGTATTTATCCACAAGGGGGTTTTTGAACGGGAAACCGAAACTGGG
 CTCGGAAGTAAAAGCCATAAATCGGCCTTGGGAAAAGGAATAACGGAAATTTTCGTTTCG
 GGGGGCTTGGGGTGAATTCCTAAAAATCTTGGGAGGAAAAGGAAAAGCC

3' Read Nucleotide Sequence:

>OriGene 3' read for AK057282 unedited
 NNAAAGTTTCTACTATGTACCGCGCACGCATTCTAGNGATCAGTTTTTTTTTTTTTTTT
 TTAATTAATGAAAAATCTTTTTGGAAATAATATCATTAGCTTAGAAAATACTGAGACAAA
 GCTTTAATAAGAAACAAAAACAGAAAGTTCTATTTCTTACTTCATTTTTCTTCTTCT
 TTTGGAAATCTTGAAGTGTCTGAAGATTTGTCATATTTAACATTTGACACACTTTGTT
 TCAGATGCATGAACGTTATTTACATCCTAGTGGGCAAAAGAGCAAGGAGTATCAGGTAT
 TAGCTGGCACAAAAGGAAATATCCAAATGTGGAGCGGTGACGAGTGAAGACAGACTCTG
 CGTAGGCATCAGAGTGAAGATTAGACAGTGAAGATTTGCTCCAAGGAGCACCCATACCTGG
 TTTTTTCTTGCAGATCAATTTGTGACATCTTGAATCAGGACTTTGAGAGCTTGCACTT
 AATCTATTTTTCTATCCAAAAGCTCTTCCATTTCTTCCCTGGATCTTCAGCCTTCTA
 TTTTCTCTCTCCAGTCCCTGCTTTTCTCTTTCAAGTATTTCCCTCTTGTCCCACTCCGAG
 GTATTTTCAGCTTGAATCTCTCTAGCTCTGCTTAACTCACAATCACTCTGTCTTTG
 CTGTTTTGAGATTTGGATTCTTCTTTTATTGCCTGACAGTTCTTGCATTTTCATCATT
 TGTTGACCAAGNAAGATGTCAAACCTTTTACATTTTTTTGGCTTTGATTCTTTCAGTTCT
 TCATACTTCCACTTTCACAGAGACAAAGCCGACTCCAGTCTCTCTATTTCTTTTTCCAAA
 GCTGTGCGCATTCTT

Restriction Sites:

NotI-NotI

ACCN:

AK057282

Insert Size:

1750 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: [AK057282.1](#)

RefSeq Size: 1537 bp

RefSeq ORF: 1537 bp

Locus ID: 79839

Cytogenetics: 18q22.1-q22.2