

Product datasheet for **SC321729**

CCDC82 (NM_024725) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC82 (NM_024725) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC82
Synonyms:	HSPC048
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_024725.2
 GAAGCTTAAGTAAAAATGATACATGTTAGAAGACATGAAACAAGGAGAAATTCTAAGAGT
 CACGTGCCTGAGCAGAAATCTCGAGTTGATTGGAGGCGAACTAAAAGAAGTAGTATCTCA
 CAATTACTTGATAGTGATGAAGAGCTTGATAGTGAAGAATTTGATAGTGATGAAGAGCTT
 GATAGTGATGAAAGTTTTGAAAAATGATGAAGAGCTTGATAGTAACAAGGGACCTGATTGT
 AATAAAACACCAGGAAGTGAAGAGAGCTCAACTTAAGTAAAAATCAAAGTGAAGGAAAT
 GACAGTAAGTGTCTCATTAACTCTGGCAACGGTTCAACATATGAAGAAGAAACGAACAAA
 ATCAAACATAGGAATATTGACTTACAAGATCAGGAAAAACATTTAAGTCAAGAGGATAAT
 GATCTCAACAAACAACTGGACAAATAATAGAGGATGATCAGGAAAAACATTTAAGTCAA
 GAGGATAATGATCTCAACAAACAACTGGACAAATAATAGAGGATGATTTAGAAGAAGAA
 GACATCAAGCGAGGAAAAAGAAAAGGCTATCCTCTGTGATGTGTGACAGTGATGAGAGT
 GATGACAGCGATATCCTAGTTAGAAAAGTAGGTGTTAAACGTCCCGTAGAGTGGTTGAA
 GATGAAGGTTCTTCAGTGGAAATGGAGCAAAAGACTCCTGAAAAACATTAGCTGCACAA
 AAGCGAGAAAACTTCAGAAGCTCAAAGAAGTCTCAAAACAAAGATCTCGTCAGAGACGC
 AGTAGTGGTAGAGATTTTGGAGCTCTGAAAAGGAATCTTGCCCAAGCAGTGATGAAGTT
 GATGAGGAGGAAGAAGAGGATAATTATGAATCTGATGAAGATGGAGATGATTATATTATC
 GATGACTTTGTAGTGCAAGATGAGGAGGGTGATGAAGAGAATAAAAAACCAACAAGGAGAA
 AAATTGACTACATCACAAGTAAATAGTAAACGGAATTTCTTTATTCTTTTAGTGAC
 CACTATACTCATTTTGAAGAGTTGTGAAGGCTCTTCTGATCAACGCTTTAGATGAATCT
 TTTCTGGGAACATTATATGATGGCACAAGGCAAAAATCATATGCAAAAGATATGCTAACA
 TCTCTTCATTATTTGGATAACCGCTTTGTTTCAGCCTCGTCTAGAGAGCTTGGTATCTAGA
 AGTCGTTGGAAGAGCAATATAAGGAGCGAGTAGAAAAATTATTCTAATGTAAGTATTCAT
 TTGAAGAATCCTGAAAAGTCTGCTGCCAGGCTTGTTGGAGTGCATCGCTACTGTAAATAT
 TCAGTGCAATTTATCAGGAGAGTTGTATAACACACGAGGACCATGCAAAATAGATAATTTTCATG
 TCACATGATAAACAGGTGTTCACTGTTGGCAGAAATTTGTGCCAGCGTACCAGAATTTAT
 CATAAACTGAAACATTTTAAATTCAAACTATACCAGGAATGTTGCACCATGCAATGACA
 GAAGAAGTTGAAGATGAACAAGTTAAAGAAACAGTGGAAGAATTTTCAGGCGGTCAAAA
 GAAAATGGCTGGATTAAGGAGAAATATGGTCAACTGAAGAATATCTCAATTTTGCAGGAT
 TACTTTCAAGAAGAGAAGTTTGAGTTGTAAACACATTTCCATCAGAGAAGATTTTTTAAAT
 TCCTGTAAATGTGAAGATCATGATTCTTGTCTTCTGTATCATGTGACATGTTTGTACAT
 TTTATCTATATCTTCATGGCAAAATATTTGTTTAAACATGATTATCTTAATTCCTGTG
 AAGTGGCACTCTACACTCTAATTAACTTTTATCTGATGTACATAAAGCATTAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_024725

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_024725.2](#), [NP_079001.2](#)

RefSeq Size: 2726 bp

RefSeq ORF: 1635 bp

Locus ID: 79780

UniProt ID: [Q8N4S0](#)

Cytogenetics: 11q21