

## Product datasheet for SC214235

### Cingulin (CGN) (NM\_020770) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Cingulin (CGN) (NM\_020770) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** CGN  
**ACCN:** NM\_020770  
**Insert Size:** 1376 bp  
**Insert Sequence:** >SC214235 3'UTR clone of NM\_020770

The sequence shown below is from the reference sequence of NM\_020770. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGAGCAACCTACAGACCAGCTCCTGTAGCTCGTGGTCTCAAGGACTCAGAAACCAGGCTCGAGGCC
TATCCCAGCAAGTGTCTGTCTGCTCTGCCACCCTGGGTCTGCATTCTATGGGTGACCAATTATTC
AGACCTAAGACAGGGAGGGGTCAGAGTGATGGTGATAAAAAAAAAAATCATCAGCAATAAGCTGATAG
ATGGACTTTCCACTGTAGGAGTGGACATTTCAAGCCAAGTGGACCTTTTCTCAAGTGGCCGACACCTCC
CTCATCTCTTTATAGTGAAGGATGGTCAGCATTAGGCTGATGGGGACTGAGAAGGATAGGAAGGGAT
AGAAATTGCCATGTGTATAAAGCTTTATCTTTAGCCCTTAACCTAAGGCTCAGGGAAATACCTATG
TTATTGTGCTCCCTGGATTCTGCAACTCATTTTCTTCCACTCTGGAGCAGGGTGGGGAAATGTTAT
GGGTAACAGACATGCAGGCATGGCTCTACCCATTTCTTGCACAAGTATGGGGCCCATGTGGTAGTCCC
CATACCCTCCAGTTCCTATATTTTTGTCTTCTTCCCTTTCCCTTTGCCATTCTACCTTGCATTTT
TCCTGTCAAGTGCCTTAGCCAAGGCAAGGAGATAAGGATGCTCTTCTTGTCTTTTATATCTGCACATTC
TACCTCTCCAAAGACAGCTTTTCCCAGCCAGGGCCCTCAGCCTTCCCTGCTGCCCAAGTATTGATT
GAGAGAGCTGTTGGGTTTCTCTGCCAATGACCCTGGGAGAGGGACTTTGGTAGGGTCATGATAAAGT
GGCGGGGGTCTGGTCTGCTCAGGGTTTTCATCCTTCTCCTCTCCCTCTGTGACTGTGGATATGG
TTATAAGGTGGTTGCACCTGGGAGCCCTGACAAGTGGCTGCACAAATCCAAAAGTAAAGGTGTCAGTC
CCTGTGGCCTTCTTGGGCTTCTCTGACCACATGTGCCCAACTCAATAAGAGAACCAAGGACCCCTC
ATTTTCTGAGGTGCTTGGCTCTGATTACAGGCTTTGCAAGGGTTAGAAGCTGACTGTAAAAATGGGAA
GAGGCAACGGAAGACATTTATTTCTCCTTTGGATTTTGGGAGAACCAAGCCCTGGTAGGGAAGAGGTA
AGGGGATGATTACCTCCATATTTCTAAGCAGGTTGTATAGGGAGCCGGTGGCAGGAGGAAGGCTGT
TTTCACAAATGACTTGTAAATGTCGTGATTAAAAAATTCCTATATTCTTCTGCAAAATCAAACGTTCTTT
CCCAATCCAATCCAGCCTTGGTTTTATTTAAATTAATTAATAAATACACATTTATATTGAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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**Restriction Sites:** Sgfl-Mlul



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|------------------------|--|
| <b>OTI Disclaimer:</b> | 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). |
| <b>Components:</b>     | 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.   |
| <b>RefSeq:</b>         | <u><a href="#">NM_020770.3</a></u>   |
| <b>Summary:</b>        | Probably plays a role in the formation and regulation of the tight junction (TJ) paracellular permeability barrier.[UniProtKB/Swiss-Prot Function]   |
| <b>Locus ID:</b>       | 57530  |
| <b>MW:</b>             | 50.7   |