

## Product datasheet for **SC320770**

### ZNF213 (NM\_004220) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ZNF213 (NM\_004220) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** ZNF213  
**Synonyms:** CR53; ZKSCAN21; ZSCAN53  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC (PS100020)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_004220.1  
GGCCTCTGGCCGCTGGCTCCAACATCAAGCACCGGGCTCCGAGTGGCCGGGATCAGCCG  
CCCGAGGCAGAGGCCGGAGGGCGCGCACTGCTAGGAAGTGTGGTCCCCCGCGCCGCT  
CTGCCAGCTTGGTCCCCGGCAGACGCCCTGTACGATCGCCGCTCGCCCCGCGGGCAG  
GCTGCGGTGGACAGCGGGGCTCCGGTGGCTCGCCTTCCCGCTGCCGTGTCCTGCTG  
AGCGACCTGGAGTACACATCCAGATGCCAGCCAGCTACCACAGGGGATCCCTCTGGGA  
GACTGAAAGTACAGGTTCTGGGGCCAGGTTGAAGCCGACCAACCCTGAGCCTCAGGCCA  
GGGGAATGGCAGCCCCCTTGGAGGCCAGGACCAGGCCCTGGGGAGGAGAAGGGCTTC  
TGATTGTGAAAGTGAAGATTCTCTGGGAACAGGAATCTGCCAGCATGAGGATGGCA  
GGGATTCGAAGCCTGCCGCCAGCGCTTCCGGCAATTCTGCTACGGGGATGTGCATGGC  
TCATGAGGCCTCAGCCAGCTCTGGGAGCTCTGCTGCCGCTGGCTGCGGCCGAGCTGC  
GTACCAAGGAGCAGATCCTGGAGCTGCTGGTGTGGAGCAGTTCCCTGACAGTGTGCCAG  
GGGAGATCCAGGGCTGGGTGCGTGAGCAGCACCCGGGAAGCGGTGAGGAGCTGTGCGCT  
TGGTGGAGGACCTACAGAAGCAGCCAGTAAAGCCTGGCGACAGGATGTGCCCTCGGAGG  
AGGCGGAACCCGAGGCTGCAGGCCGGGGATCCCAGGCCACGGGGCTCCCCGACGGTGG  
GGGCACGGAGGCGGCCGTCTGTTCCCCAGGAGCAGCACAGCCATAGCGCCAGCCTCCTG  
CTCTTCTAAAGAGGGTCGTCCCGGAGAGACGACGGACACCTGCTTTGTCTCTGGGGTCC  
ATGGACCTGTGGCATTGGGAGACATCCCATTCTATTTCTCCCGGAAGAATGGGGCACCC  
TGGACCTGCTCAGCGGATCTCTTCTGGGACATAAAGCGGAGAACTCCCGAACACCA  
CCCTGGGTTTTGGGCTCAAAGGCCAAAGTGAGAAGTCCCTGCTGCAGGAGATGGTGCCGG  
TGGTGCCAGGCCAGACAGGCAGCGACGTGACTGTGCTTGGAGCCCCGAGGAGGCTGAGG  
CCTGGGAGAGCGAGAACCAGGCCGAGGGCGGCCCTGGGCCAGTGGTGGGCGCGGACGGG  
GGCGGCCACCCACTCGCCGGCGCCAGTTCGGGACCTGGCAGCCGAGAAGCCGCACAGCT  
GCGGGCAGTGTGAAAGCGCTTCCGCTGGGGCTCGGACCTGGCGCGGCACCAGCGCACGC  
ACACGGGCGAGAAGCCACACAAGTGCCTGAGTGCACAAGAGCTTCCGAGCTCCTCGG  
ACCTGGTGCGCCACCAAGCGGTGCACACGGGCGAGAAGCCCTTCTCTGTTCCGAGTGGC  
GCAAGAGCTTCAGCCGACGCGCTACCTGGCCGACCACGCGCATACACAGGGCGAGA



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AGCCTTTCGGCTGCAGCGACTGCGGCAAGAGCTTCTCGCTGCGCTCCTACCTGCTGGACC
ATCGGCGTGTGCACACCGGTGAGCGGCCCTTCGGCTGCGGAGAGTGCGACAAGAGCTTCA
AGCAGCGCGCGCACCTCATCGCGCATCAGAGCCTGCACGCCAAGATGGCCCAGCCCGTGG
GGTGAGCAGTGACTTGGCCGAAACCCGGGGGAGGCCACGCCACGGCACATCCTGCTTT
GTTACCACCTGGGACTCTCCTCCATCTGTGGCCACCTCCCGGGTGTCCGAGGGACCCC
AGGGTACCTCACACTCGGAGCTCGCCTGCCCTGCTTGGCTCTGAGGACCTGCCACGGCT
CAAAGGGAACGGAAGCCTTCCCCTCCCCTCCCGCCCGATCTTGTCTCTTTCCCCTTCTGCG
CCTAGCGTTCCTTCCCCTCTAGTTTCTGGAGCCCAACACATTCTGGCAGGGACAG
CAGGGTGGCAAGGACTCAGGTCTAGTCCCTTCCAGAAAGCCCGAGCCTCATTGACT
GTGTGGCTCTTTGGCCCCACCCTGTGGGGTGGGTCCATGGGTGAGGCCTCTGCCCTACC
AACCTGTGCCTTTCAGTGGGCGTGGAGGACTGGCCTTGGCCCCCAGGGGGCTGTGGAC
TTTGGGAGAGACAGCCACACCTGTGGGACCGGGGTCTTAGTCACGGCGGCAGGGGCTT
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GGACTCGGCCTGCCTTTGCCCTCGGCCTACTTGCCTAGCATGAGGCTCTGAGAGCCACC
TGCCACCAATCTGGTGAGGATAATGGTGGCTCCAGCGACAGGAGGCCAACCCCTGGAGAC
CAAGAACAGGGCGCCTGGCTGCCATCTTTCTCCAGAGGTGGGGCTGCACCAGACTCAG
CACTAGCACTCCATCAGCACTAGCACCTCACTCCATCAGCACTAGCACCTCACTCCATCG
GCCCGGCAACCCTGCTCCATCGGCACTGGCGCCCTGCTCCATCGGCACTAATGCTCCACT
CGGCGCCCCACTCCATCGGCCCGCTCCATCGGCACTAATGCCCCACTCGGCGCCCCACT
CCATCAGCACTAATGCTCCACTCCATTGGCACTAACGCCCAACTCCAGCGGCACTAATG
CCCCACTCGGCGCCCCACTCCATCAGCACTAATGCTCCACTCCATTGGCACTAACGCCCC
AACTCCAGCGGCACTAATGACCCGCTCCTTTGACATTGGTGCCCCACTCCATCAGCACTA
ACGCCCTGCTCCATCGGCACTGGTGTCCACTCCATTGTCACTAACGTCCGGCTCCATCG
GCATACCACCCCGCTCCATCATACTATGTCCAGCTCCGTCCGCACTACCACCCTGCTC
CATCATCACTATGTCCAGCTCCGTCCGCACTACCACCCTGCTCCATCATACTACGTCCA
GCTCCAACGGCACTGGTGGCCCATTCATCGGCACTAACGCCCGCTCCACCGGCAACAG
TGCTCGCTCCATTGGCACCAACGCCAGCTCCACCGGTACTGGCTCCCCGCTCCATCGG
CACTAACGCCCGCTTATTGGCACTTTGCTGCTGCTCCTGAGCACTGCCTTCCATGAA
CAGGGACAGACCAGAGCCGTGCAAGGACTCCCCCTCAGACCTCCAAAGGGCAACAGAAG
AGTATTAATAAACGTGAAAACCTAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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- Restriction Sites:** Please inquire
- ACCN:** NM\_004220
- 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\\_004220.1](#), [NP\\_004211.1](#)

**RefSeq Size:** 3344 bp

**RefSeq ORF:** 1380 bp

**Locus ID:** 7760

**UniProt ID:** [O14771](#)

**Cytogenetics:** 16p13.3

**Protein Families:** Transcription Factors

**Gene Summary:** C2H2 zinc finger proteins, such as ZNF213, have bipartite structures in which one domain binds DNA or RNA and the other modulates target gene expression.[supplied by OMIM, Apr 2004]

Transcript Variant: This variant (1) represents the more predominant transcript. Transcript variants 1 and 2 encode the same protein.