

Product datasheet for **SC107364**

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:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_004220, the custom clone sequence may differ by one or more nucleotides

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ATGGCAGCCCCCTTGGAGGCCAGGACCAGGCCCTGGGGAGGGAGAAGGGCTTCTGATTGTGAAAGTGG
AAGATTCTCCTGGGAACAGGAATCTGCCAGCATGAGGATGGCAGGGATTCCGAAGCCTGCCGCCAGCG
CTTCCGGCAATTCTGCTACGGGGATGTGCATGGGCCTCATGAGGCCTTCAGCCAGCTCTGGGAGCTCTGC
TGCCGCTGGCTGCGGCCGAGCTGCGTACCAAGGAGCAGATCCTGGAGCTGCTGGTGTGGAGCAGTTCC
TGACAGTGTGCCAGGGGAGATCCAGGGCTGGGTGCGTGAGCAGCACCCGGGAAGCGGTGAGGAGGCTGT
CGCCTTGGTGGAGGACCTACAGAAGCAGCCAGTAAAAGCCTGGCGACAGGATGTGCCCTCGGAGGAGGCC
GAACCCGAGGCTGCAGGCCGGGGATCCCAGGCCACGGGGCTCCCCGACGGTGGGGGCACGGAGGCGGC
CGTCTGTTCCCCAGGAGCAGCACAGCCATAGCGCCCAGCCTCCTGCTCTTAAAGAGGGTCGTCCCGG
AGAGACGACGGACACCTGCTTTGTCTCTGGGGTCCATGGACCTGTGGCATTGGGAGACATCCCATTCTAT
TTCTCCCGGAAGAATGGGGCACCTGGACCCTGCTCAGCGGGATCTTCTCTGGGACATAAAGCGGGAGA
ACTCCCGGAACACCACCCTGGGTTTTGGGCTCAAAGGCCAAAGTGAGAAGTCCCTGCTGCAGGAGATGGT
GCCGGTGGTGCCAGGCCAGACAGGCAGCGACTGACTGTCTCTGGAGCCCCGAGGAGGCTGAGGCTGG
GAGAGCGAGAACCGGCCGAGGGCGGCCCTGGGCCAGTGGTGGGCGCGACGGGGCGGCCACCCACTC
GCCGGCGCCAGTCCGGGACCTGGCAGCCGAGAAGCCGCACAGCTGCGGGCAGTGTGAAAGCGCTTCCG
CTGGGGCTCGGACCTGGCGGGCACAGCGCACGACACGGGCGAGAAGCCACACAAGTGCCTGAGTGC
GACAAGAGCTTCCGAGCTCCTCGGACCTGGTGCGCCACCAAGGCGTGACACGGGCGAGAAGCCCTTCT
CCTGTTCCGAGTGCGGCAAGAGCTTTCAGCCGACGCGCCTACCTGGCCGACCACCAGCGCATACACACGGG
CGAGAAGCCTTTTCGGCTGCAGCGACTGCGGCAAGAGCTTCTCGCTGCGCTCCTACCTGCTGGACCATCGG
CGTGTGCACACCGGTGAGCGGCCCTTCGGCTGCGGAGAGTGCGACAAGAGCTTCAAGCAGCGCGCACC
TCATCGCGCATCAGAGCCTGCACGCCAAGATGGCCAGCCCGTGGGGTGA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_004220 unedited ACGCAATTCGCACGAGGGGATCCCTCTGGGAGACTGAAAGTCAGGTTCTGGGGCCAGG TTGAAGCCGACCAACCCTGAGCCTCAGGCCAGGGGAATGGCAGCCCCCTTGGAGGCCAG GACCAGGCCCTGGGGAGGGAGAAGGGCTTCTGATTGTGAAAGTGAAGATTCTTCTG TGAACAGGAATCTGCCAGCATGAGGATGGCAGGATCCGAAGCCTGCCGCCAGCGTT CCGGCAATTCTGCTACGGGGATGTGCATGGCCCTCATGAGGCCTCAGCCAGCTCTGGGA GCTCTGCTGCCGCTGGCTGCGGCCGAGCTGCGTACCAAGGAGCAGATCCTGGAGCTGCT GGTCTGGAGCAGTTCTGACAGTGTGCCAGGGGAGATCCAGGGCTGGGTGCGTGAGCA GCACCCGGGAAGCGGTGAGGAGGCTGTCGCCTTGGTGGAGGACCTACAGAAGCAGCCAGT GAAAGCCTGGCGACAGGATGTGCCCTCGGAGGAGGCGGAACCCGAGGCTGCAGGCCGGG ATCCCAGGCCACGGGCCCTCCCCGACGGTGGGGCACGGAGGCGGCCGTCTGTTCCCA GGAGCAGCACAGCCATAGCGTTTTGGGCTCAAAGGCCAAAGTGAAGAATCCCTGCTGCA GGAGATGGTGCCGGTGGTCCAGGCCAGACAGGCAGCGACGTGACTGTGTCTGNAGCCC CCGAGAGGCTGANGCCTGNGAGAGCGAGAACCGGCCGAGGGCGGCCCTGGCCANNTGG TGCGCGCGACGGGGCGGCCACCACTCGCCCGCCAGTTCCGGGACCTGGCAGCCGAG AACCCACAGCTGCGGCCAGTGTGAAAGCGCTTCGC</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_004220 unedited ATGGACCGCGCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTAAGTTTTACGT TTATTAATACTCTTCTGTTGCCCTTTGGAGGTCTGAGGGGAGTCTTGCAGGGCCTCTG GTCTGTCCCTGTTTATGGAAGGCAGTGCTCAGGAGGCAGCAGCAAAGTGCCAATGAAGCA GGGCGTTAGTGCCGATGGAGCAGGGAGCCAGTACCGGTGGAGCTGGGCGTTGGTCCAA GGAGCGAGGCACTGGTGCCGGTGGAGCGGGCGTTAGTGCCGATGGAATGGGGCACCAGT GCCGTTGGAGCTGGACGTAGTGATGATGGAGCAGGGTGGTGTAGTCCGACGAGCTGGACA TAGTGATGATGGAGCGGGTGGTGTAGTCCGATGGAGCCGACGTTAGTGACAATGGAGTG GGACACCAGTGCCGATGGAGCAGGGCGTTAGTGCTGATGGAGTGGGGACCAATGTCAA GGAGCGGGTCAATAGTGCCGCTGGAGTTGGGGCGTTAGTGCCAATGGAGTGGAGCATTAG TGCTGATGGAGTGGGGCGCCGAGTGGGGCATTAGTGCCGATGGAGCGGGGCCGATGGAGT GGGGCGCCGAGTGGAGCATTAGTGCCGATGGAGCAGGNCGCCAGTGCCGATGGAGCAGGN TGCCGNGGCCGATGGAGTGGGTGCTAGTGCTGATGGAGTGGAGTGGTANTGCTGATGGA CTGGTCTTGGTCTCCAGGTTGGCCTCCTGTCGCTGGGAGCACCATTATTCTCACCAGATT GTGGGCAGGTGGCTCAAACCTCATGCTAGGGCAAGTAGCCAAGGCAAAGCCAGCCAGT CCTATGCCAAGACAGGCAAATGGTCTGGCTGGAACCGGATGGAAGGGCAAAGCCCTGC CGCTGCATA</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_004220
Insert Size:	2750 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: [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.