OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RG203547

ZNF213 (NM_004220) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF213 (NM_004220) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF213
Synonyms:	CR53; ZKSCAN21; ZSCAN53
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

ORF Nucleotide Sequence:

>RG203547 representing NM_004220
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCAGCCCCCTTGGAGGCCCAGGACCAGGCCCCTGGGGAGGGAGAAGGGCTTCTGATTGTGAAAGTGG
AAGATTCCTCCTGGGAACAGGAATCTGCCCAGCATGAGGATGGCAGGGATTCCGAAGCCTGCCGCCAGCG
CTTCCGGCAATTCTGCTACGGGGATGTGCATGGGCCTCATGAGGCCTTCAGCCAGCTCTGGGAGCTCTGC
TGCCGCTGGCTGCGGCCCGAGCTGCGTACCAAGGAGCAGATCCTGGAGCTGCTGGTGCTGGAGCAGTTCC
TGACAGTGCTGCCAGGGGAGATCCAGGGCTGGGTGCGTGAGCAGCACCCGGGAAGCGGTGAGGAGGCTGT
CGCCTTGGTGGAGGACCTACAGAAGCAGCCAGTGAAAGCCTGGCGACAGGATGTGCCCTCGGAGGAGGCG
GAACCCGAGGCTGCAGGCCGGGGATCCCAGGCCACGGGGCCTCCCCCGACGGTGGGGGCACGGAGGCGGC
CGTCTGTTCCCCAGGAGCAGCACAGCCATAGCGCCCAGCCTCCTGCTCTTCTTAAAGAGGGTCGTCCCGG
AGAGACGACGGACACCTGCTTTGTCTCTGGGGTCCATGGACCTGTGGCATTGGGAGACATCCCATTCTAT
TTCTCCCGGGAAGAATGGGGCACCCTGGACCCTGCTCAGCGGGATCTCTTCTGGGACATAAAGCGGGAGA
ACTCCCGGAACACCACCCTGGGTTTTGGGCTCAAAGGCCAAAGTGAGAAGTCCCTGCTGCAGGAGATGGT
GCCGGTGGTGCCAGGCCAGACAGGCAGCGACGTGACTGTGTCCTGGAGCCCCGAGGAGGCTGAGGCCTGG
GAGAGCGAGAACCGGCCGAGGGCGGCCCTGGGCCCAGTGGTGGGCGCGCGACGGGGGCGGCCACCCACTC
GCCGGCGCCAGTTCCGGGACCTGGCAGCCGAGAAGCCGCACAGCTGCGGGCAGTGTGGAAAGCGCTTCCG
CTGGGGCTCGGACCTGGCGCGGCACCAGCGCACGCACACGGGCGAGAAGCCACACAAGTGCCCTGAGTGC
GACAAGAGCTTCCGCAGCTCCTCGGACCTGGTGCGCCACCAAGGCGTGCACACGGGCGAGAAGCCCTTCT
CCTGTTCCGAGTGCGGCAAGAGCTTCAGCCGCAGCGCCTACCTGGCCGACCACCAGCGCATACACACGGG
CGAGAAGCCTTTCGGCTGCAGCGACTGCGGCAAGAGCTTCTCGCTGCGCTCCTACCTGCTGGACCATCGG
CGTGTGCACACCGGTGAGCGGCCCTTCGGCTGCGGAGAGTGCGACAAGAGCTTCAAGCAGCGCGCGCACC
TCATCGCGCATCAGAGCCTGCACGCCAAGATGGCCCAGCCCGTGGGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

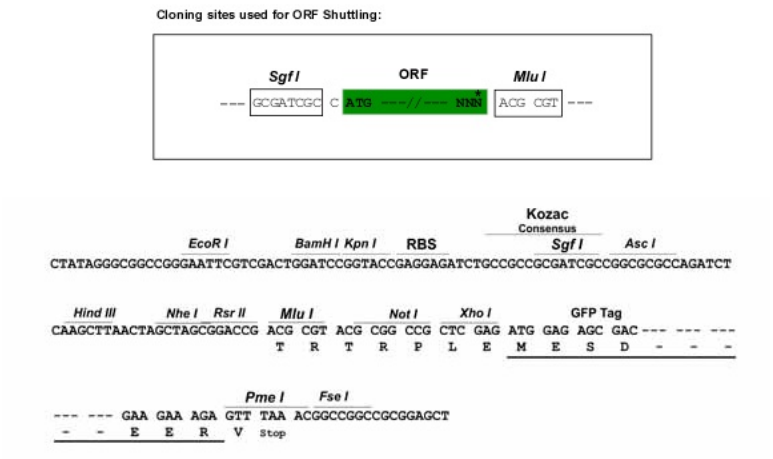
>RG203547 representing NM_004220
Red=Cloning site Green=Tags(s)

MAAPLEAQDQAPGEGEGLLIVKVEDSSWEQESAQHEDGRDSEACRQRFRQFCYGDVHGPHEAFSQLWELC
CRWLRPELRTKEQILELLVLEQFLTVLPGEIQGWVREQHPGSGEEAVALVEDLQKQPVKAWRQDVPSEEA
EPEAAGRGSQATGPPPTVGARRRPSVPQEQHSHSAQPPALLKEGRPGETTDTCFVSGVHGPVALGDIPFY
FSREEWGTLDPAQRDLFWDIKRENSRNTTLGFGLKGQSEKSLLQEMVPVVPGQTGSDVTVSWSPEEAEAW
ESENRPRAALGPVVGARRGRPPTRRRQFRDLAAEKPHSCGQCGKRFRWGSDLARHQRTHTGEKPHKCPEC
DKSFRSSSDLVRHQGVHTGEKPFSCSECGKSFSRSAYLADHQRIHTGEKPFGCSDCGKSFSLRSYLLDHR
RVHTGERPFGCGECDKSFKQRAHLIAHQSLHAKMAQPVG

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:

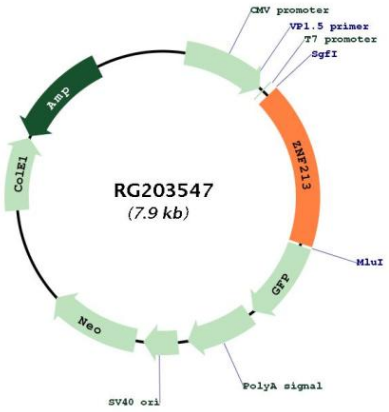


ACCN:	NM_004220
ORF Size:	1377 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_004220.3
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]

Product images:



Circular map for RG203547