

Product datasheet for **RG201174**

ZNF205 (NM_001042428) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF205 (NM_001042428) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF205
Synonyms:	RhitH; Zfp13; ZNF210
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG201174 representing NM_001042428
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGTCAGACGGCGGAGGCATCCAGGACACCCAGGACAAGGAGACACCCCGGAGGTTCCAGATCGTG
 GACATCCTCATCAGGAAATGCCTTCTAAGCTGGGGGAGGCGGTACCTTCAGGGGACGCTCAGGAGTCACT
 GCACATTAAGATGGAGCCGAAGAGCCACACTCCGAGGGGCATCGCAGGAGGATGGGGCTCAAGGTGCC
 TGGGGCTGGGCACCCCTAAGTCACGGCTCTAAGGAGAAAGCTCTCTTCTGCCTGGCGGAGCCCTCCCT
 CCCCCGGATCCCGTGTCTTCCGAGAGGGGAGGACCAGAGACCGGAGATGGTGCAGCGCTCTCAC
 TGCCTGGTCCCAGATGCCAGTACTTTCGAGGATGTGGCCTTGTACCTCTCCCGGAGGAGTGGGGACGG
 CTGGACCACAGCAGCAGAATTCTACAGGATGTCTGCAGAAGAAAAATGGGTGTACTGGGCTTTC
 CCTTCAGCAGGCTTCTGGGCCCTCAAGCGCACGGCAAGGGTGAAGCCTCGGGCTCCAGCCGGCAGGC
 AGGAGATGAGAAGGAGTGGAGAGCGCGTGCACAGGAGCCGTCGAGGTGGGGCAGAGGTTGCAGACTCA
 TCCGTGGCAGCCCTTGGGAATGTGAAGCCCTTCAGAACCAGGGCAGGGAGTCCAGTGGGGCGTCCCGC
 AGTGCGCGCAGGAAGCAGCCTGCGGCCGGAGCTCAGGGCCGGCCAAAGACTCCGGGCAGCCGGCTGAGCC
 AGATCGCACCCCGGATGCAGCTCCGCCAGACCCAGTCCACGGAGCCCGAGGATACCGCGTCCCGGAG
 AAGCCCAACGAGGAGGAGAAGGGCGCCCGGAGAGTGGCAGGAGGGCCTGGCCCTGACAGTGAAGTGG
 GCAGGAAGAGCTACCGGTGCGAGCAGTGCAGCAAGGGCTTCAGCTGGCACTCGCACCTGGTGACGCACCG
 GCGCACGCACAGGGCGAGAAGCCCTACGCTGCACTGACTGCGGAAGCGCTTCGGCCGACGCTCGCAC
 CTCATCCAGCACCAGATCATCCACAGGGCGAGAAGCCCTACACTGCCCCGCTGCCGGAAGAGCTTCA
 GCCACCCTCCACGCTGATTCAGCACACGCGCATCCACACCGGAGAGAAGCCCTACGTGTGCGACCGCTG
 CGCCAAGCGCTTACCCGCGCTCGGACTTGGTCAACCACAGGGCACCCACAGGGCGCCAAGCCGCAC
 AAGTGCCCATCTGCGCCAAGTGCTTCACGCAGAGCTCGGCGTAGTCAACCACAGCGCACCCACACTG
 GGGTCAAGCCCTATCCGTGCCCGAGTGCAGCAAGTGCTTCAGCCAGCGTTCACACTCATCGGCACAA
 CCGCACACACAGGCGAGAAGCCCTACACTGCCTCGACTGCGGCAAGAGCTTCAGCCACAGCTCGCAC
 CTCACCGCGCACAGCGCACCCACCGTGGCGTGCAGCCCTACGCTGCCGTTGTGCGGCAAGAGCTTCA
 GCCGGCGCTCAACTGCACCGGCACGAGAAGATCCACACCACCGGGCCCAAGGCCCTGGCCATGCTGAT
 GCTGGGGCGGGCGGGGGGCTCTGGCCACACCCCAACCGCTCCACC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG201174 representing NM_001042428
 Red=Cloning site Green=Tags(s)

MSADGGGIQDTQDKETPPEVPDRGHPHQEMP SKLGEAVPSGDAQESLHIKMEPEEPHSEGASQEDGAQGA
 WGWAPLSHGSKKALFLPGGALPSRIPVLSREGRTDRQMAAALLTAWSQMPVTFEDVALYL SREEWGR
 LDHTQQNFYRDV LQKKNGLSLGFPSRPFWAPQAHGKGEASGSSRQAGDEKEWRGACTGAVEVQVRVQTS
 SVAALGNVKPFRTRAGR VQWVQPQAQEAACGRSSGPAKDSGQPAEPDRTPDAAPPDPSPTPEQYRVPE
 KPNEEEKGAPESGEEGLAPDSEVGRKSYRCEQCGKFSWHSVLVTHRRHTGKPYACTDCGKFRGRSSH
 LIQHQLIHTGKPYTCPACRKSFSHHSTLIQHQLIHTGKPYVCDRCAKRFTRRSDLVTHQGTHTGAKPH
 KCPICAKCFTQSSALVTHQRHTGVKPYPCPECGKCF SQRSNLIAHNRHTGKPYHCLDCGKFSHSSH
 LTAHQRTHRGVRYACPLCGKFSRRSNLHRHEKIHHTGPKALAMLMLGAAAAGALATPPPAPT

TRTRPLE – GFP Tag – V

Restriction Sites:

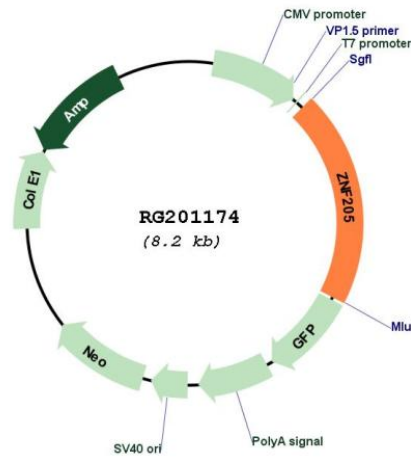
Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN:	NM_001042428
ORF Size:	1662 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:	<ol style="list-style-type: none">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_001042428.1 , NP_001035893.1
RefSeq Size:	2009 bp
RefSeq ORF:	1665 bp
Locus ID:	7755
UniProt ID:	O95201
Cytogenetics:	16p13.3
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]