

Product datasheet for **RG238873**

ZNF205 (NM_001278158) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF205 (NM_001278158) 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:

>RG238873 representing NM_001278158.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGTCTGCAGACGGCGGAGGCATCCAGGACACCCAGGACAAGGAGACACCCCGGAGTTCCAGATCGT
GGACATCCTCATCAGAAATGCCTTCTAAGCTGGGGGAGGCGGTACCTTCAGGGGACGCTCAGGAGTCA
CTGCACATTAAGATGGAGCCCGAAGAGCCACACTCCGAGGGGGCATCGCAGGAGGATGGGCTCAAGGT
GCCTGGGGCTGGGCACCCCTAAGTCACGGCTCTAAGGAGAAAGCTCTTCTGCTGGCGGAGCCCTC
CCCTCCCCCGGATCCCCGTGCTTCCCGAGAGGGGAGGACCAGAGACCGGCAGATGGTGCAGCGCTC
CTCACTGCCTGGTCCCAGATGCCAGTGACTTTCGAGGATGTGGCCTTGTACCTCTCCCGGAGGAGTGG
GGACGGCTGGACCACACGACGAGAACTTCTACAGGGATGCTCTGCAGAAGAAAATGGGCTGCTACTG
GGCTTTCCTTCAGCAGGCTTCTGGGCCCTCAAGCGCACGGCAAGGGTGAGGCTCGGGCTCCAGC
CGGCAGGCAGGAGATGAGAAGGAGTGGAGAGGCGCTGCACAGGAGCCGTCGAGGTGGGCGAGGGTG
CAGACCTCATCCGTGGCAGCCCTTGGGAATGTGAAGCCCTTCAGAACCAGGGCAGGGAGAGTCCAGTGG
GGCGTCCCGCAGTGCAGCGAGGAAGCAGCTGCGGCCGAGCTCAGGGCCGGCCAAAGACTCCGGGCAG
CCGGCTGAGCCAGATCGACCCCGGATGCAGCTCCGCCAGACCCAGTCCACCGGAGCCCGAGGAGTAC
CGCGTCCCGGAGAAGCCCAACGAGGAGGAGAAGGGCGCCCGGAGAGTGGCGAGGAGGGCCTGGCCCT
GACAGTGAGGTGGGAGGAGAGCTACCGGTGCGAGCAGTGCAGGCAAGGGCTTCAGCTGGCACTCGCAC
CTGGTGACGCACCGGCGCACGCACACGGGCGAGAAGCCCTACGCCTGCACTGACTGCGGGAAGCGCTTC
GGCCGAGCTCGACCTCATCCAGCACCAGATCATCCACAGGGCGAGAAGCCCTACACCTGCCCGGCC
TGCCGGAAGAGCTTCAGCCACCACTCCACGCTGATTACAGCACCAGCGCATCCACACCGGAGAGAAGCCC
TACGTGTGCGACCGCTGCGCCAAGCGCTTACCCCGCCGCTCGGACTTGGTCAACCACAGGGCACCCAC
ACGGGCGCCAAGCGCACAAAGTGCCCATCTGCGCCAAGTGCTTACGCAGAGCTCGGCGCTAGTCACC
CACCAGCGCACCCACACTGGGGTCAAGCCCTATCCGTGCCCGAGTGCAGCAAGTCTTACGCCAGCGT
TCCAACCTCATCGCGCACAACCGCACACACAGGCGAGAAGCCCTACCACTGCCTCGACTGCGGCAAG
AGCTTCAGCCACAGCTCGCACCTCACCGCGCACACCGCACCCACCGTGGCGTGCAGGCCCTACGCTGC
CCGTTGTGCGGCAAGAGCTTCAGCCGGCGCTCAAACCTGCACCGGCACGAGAAGATCCACACCACCGGG
CCCAAGGCCCTGGCCATGCTGATGCTGGGGGCGGCGGCGGGGCTCTGGCCACACCCCAACCGCT
CCCACC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence:

>Peptide sequence encoded by RG238873
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MSADGGGIQDTQDKETPPEVDRGHPHQEMPSKLGAVPSGDAQESLHIKMEPEEPHSEGASQEDGAQG
AWGWAPLSHGSKEKALFLPGGALPSRIPVL SREGTRDRQMAAALLTAWSQMPVTFEDVALYL SREEW
GRLDHTQQNFYRDVLYQKKNGLSLGFPF SRPFWAPQAHGKGEASGSSRQAGDEKEWRGACTGAVEVGQRV
QTSSVAALGNVLPFRTRAGRVRQWGVQCAQEAACGRSSGPAKDSGQPAEPDRTPDAAPPDPSPTPEQY
RVPEKPNEEEEKAPESGEEGLAPDSEVGRKSYRCEQCGKFSWHSVLVTHRRHTHTGEKPYACTDCGKRF
GRSSHLIQHQIHTGEKPYTCPACRKSFSHHSTLIQHQRHTHTGEKPYVCDRCAKRFTRSDLVTHQGTH
TGAKPHKCPICAKCFTQSSALVTHQRTHTGVKPYPCPEGKCFQSQRNLI AHNRTHTGEKPYHCLDCGK
FSHSSHLTAHQRTHRGVRPYACPLCGKFSRRSNLHRHEKIHTTGPKALAMLMLGAAAAGALATPPPA
PT
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSDMHFKSAIHPISILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


- ACCN:** NM_001278158
- 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).
- RefSeq:** [NM_001278158.1](#), [NP_001265087.1](#)
- RefSeq Size:** 2327 bp
- RefSeq ORF:** 1665 bp
- Locus ID:** 7755
- UniProt ID:** [O95201](#)
- Cytogenetics:** 16p13.3
- Protein Families:** Transcription Factors
- MW:** 60.6 kDa
- Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG238873