

Product datasheet for **RG207186**

ZNF547 (NM_173631) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF547 (NM_173631) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF547
Synonyms:	MIP-2A; SEDLP1; TRAPPC2.19; TRAPPC2B; TRAPPC2P1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG207186 representing NM_173631 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGAAATGAACCTGCACAGGGTCATGTGGTTTTTGAAGACGTGGCCATATATTTCTCCAGGAGG
AGTGGGGGCATCTCGATGAGGCTCAGAGATTGCTGTACCGTGATGTGATGCTGGAGAATTTGGCCCTTTT
GTCCTCACTAGGTTGTTGCCATGGAGCTGAGGATGAGGAGGCACCTTTAGAGCCAGGTGTTTCTGTAGGA
GTGTCACAGGTCATGGCTCCAAAGCCCTGTCTATCTACCCAGAATACCCAGCCCTGTGAGACATGTAGCT
CACTTCTGAAGGACATTCTGCGTCTGGCTGAGCATGACGGAACACACCCCGAGCAGGGACTGTACACGTG
TCCAGCAGCATCTTACCAGCACAAAAGGAGCAGATTAGAGAGAACTTTCTAGAGGGGATGGAGGAAGA
CCGACATTTGTGAAGAACCACAGAGTTCACATGGCAGGGAAGACCTTCTTGTGCAGTGAATGTGGGAAAG
CCTTTAGCCACAAAACATAAACTTTCTGACCATCAGAAAATCCCACTGGAGAAAGAACTTATAAGTGCAG
CAAATGTGGGATATTGTTTATGGAAAGGTCCCACTCAATAGACATCAGAGAAGTCCACTGGAGAAAGG
CCTTATGAGTGAATGAATGTGGAAAGCCTTTCTTTGTAAGTCTCACCTTGTTCGTACCAGACAATCC
ACTCTGGAGAAAGGCCTTATGAGTGCAGTGAATGTGGAAATGTTTATGTGGAGTCCCACTCATTAC
ACATCAGAGGGTTCACACTGGAAAGAGGCCTTATGGTTGCAGTGAATGTGGAAAGTCTTTAAGTGAAC
TCAAACCTTTTAGGCATTACAGAATTCATACAGGAAAAAGGTCTTATGGTTGCAGTGAATGTGGAAAT
TCTTTATGGAAAGGTCTACACTCAGTAGACATCAGAGAGTTTACACTGGAGAAAGGCCTTATGAGTGCAA
TGAATGTGGGAAATTTCTCAGCTTGAATCCGTCCTCATTCAACACCAAAGAGTTCACACTGGAGAACGG
CCTTATGAATGCAGTGAATGTGGAAAGCCTTCTTACAAAGTCCCACTCATTGTGCATCAGACAGTTC
ACACTGCAGCAAAGCAGTGCAGTGAATGTGGAAATTTCTTAGGTATAACTTCACTTCTCAGACATCA
GAAAGTCCCACTGGA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG207186 representing NM_173631
 Red=Cloning site Green=Tags(s)

MAEMNPAQGHVVFEDVAIYFSQEEWGHLEDAQRLLYRDVMLENLALLSSLGCCHGAEDDEEAPLEPGVSVG
 VSQVMAPKPLSTQNTQPCETCSSLLKDILRLAEHDGTHPEQGLYTCPAHLHQHQKEQIREKLSRGDGG
 PTFVKNHRVHMAGKTFLLCSECGKAFSHKHKLSDHQKIHTGERTYKCKGILFMRSTLNRHQRTHTGER
 PYECNECGKAFLCKSHLVRHQTIHSGERPPECSECGKLFMWSSTLITHQRVHTGKRPHYGCSECGKFFKCN
 SNLFRHYRIHTGKRSYGCSECGKFFMRSTLSRHQRVHTGERPYECNECGKFFSLKSVLIQHQRVHTGER
 PYECSECGKAFLTKSHLICHQTVHTAAKQCSECGKFFRYNSTLLRHQKVHTG

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_173631

ORF Size: 1206 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_173631.4](#)

RefSeq Size: 2788 bp

RefSeq ORF: 1209 bp

Locus ID: 284306

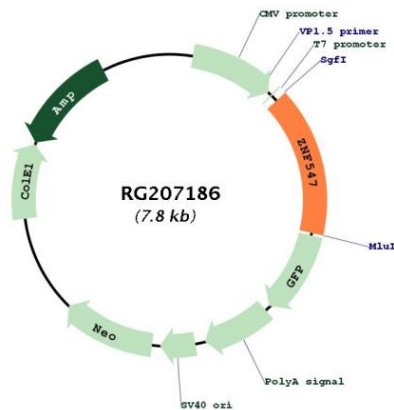
UniProt ID: [Q8IVP9](#)

Cytogenetics: 19q13.43

Protein Families: Transcription Factors

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG207186