

Product datasheet for **RG200780**

ZNF747 (NM_023931) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: ZNF747 (NM_023931) Human Tagged ORF Clone
 Tag: TurboGFP
 Symbol: ZNF747
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-AC-GFP (PS100010)
 E. coli Selection: Ampicillin (100 ug/mL)
 ORF Nucleotide Sequence: >RG200780 representing NM_023931
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACCGATCCGTCGCTGGGGCTGACAGTCCCCATGGCGCCGCCTCTGGCCCCGCTCCCTCCCCGGGACC
 CAAACGGGGCGGGATCCGAGTGGAGAAAGCCCGGGGCCGTGAGCTTCGCGACGTGGCCGTACTTCTC
 CCGGGAGGAGTGGGGTGCCTGCGGCCCGCGCAGAGGGCCCTGTACCGGGACGTGATCGGGAGACCTAC
 GGCCACCTGGGCGCGCTCGGTGAGAGCCCCACCTGCTTGCCTGGCCCTCGCCTCCACAGGCCCTGCCG
 CGCCTCTGGGAGCTGCGTGTGGAGTTGGGGCCCCGGGGCCGGCAGGCGCCTCCTCGCAGCGTGGGGT
 TTGCGTTCTTCTCCCCAGGAGTCGGAGGCAGCAAGCCGGCGCTCATCTCCTGGGTGGAGGAGAAGGCCG
 AACTGTGGGATCCGGCTGCCAGGATCCGGAGGTGGCGAAGTGTCCGACAGAAGCGGACCCAGCAGATTC
 CAGAAACAAGGAAGAGGAAAGACAAGGGAAGGGACGGGAGCCCTGGAGAAGCCCGACCCTGTGGCCGCC
 GGGTCTCTGGGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG200780 representing NM_023931
 Red=Cloning site Green=Tags(s)

MTDPSLGLTVPMAPPLAPLPPRDPNGAGSEWRKPGAVSFADVAVYFSREEWGCLRPAQRALYRDVMRETY
 GHLGALGESPTCLPGPCASTGPAAPLGAACVGGPGAGQAASSQRGVCVLLPQESEAASRRSSPGWRRRP
 NCGIRLPRIRRWRSVRQKRTQQIPETKRKDKGKREPWRSPTLWPPGLLG

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_023931

ORF Size: 573 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_023931.3](#)

RefSeq Size: 2392 bp

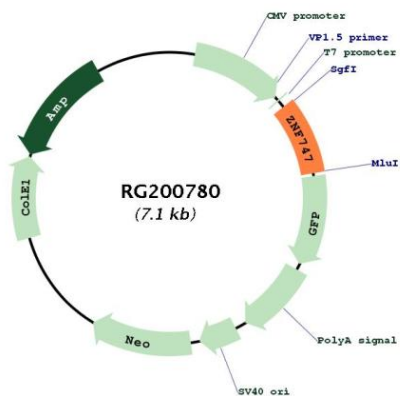
RefSeq ORF: 576 bp

Locus ID: 65988

UniProt ID: [Q9BV97](#)

Cytogenetics: 16p11.2
 Domains: KRAB
 Protein Families: Transcription Factors

Product images:



Circular map for RG200780