

Product datasheet for **RG205772**

ZNF57 (NM_173480) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF57 (NM_173480) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF57
Synonyms:	ZNF424
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG205772 representing NM_173480
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGACTCAGTGGTCTTTGAGGATGTGGCTGTGGACTTACCCTGGAGGAGTGGCTTTGCTGGATTCTG
 CTCAGAGGGACCTCTACAGAGATGTGATGCTGGAGACCTCCGGAACCTGGCCTCAGTAGATGATGGGAC
 TCAATTTAAAGCCAATGGGTAGTCTGACGAGATATGTACGGGAAGAAAAATCTAAGGAACAGACA
 ATACAAACTTCACAGGAAATAATTCCTGTGCCTACACTTTAGAAAAAATTGTGAAGGCTATGGCACTG
 AAGACCACCACAAAAATCTGAGAAATCATATGGTGGACAGATTCTGTACACATAATGAAGGTAATCAATA
 TGGAGAAGCCATCCATCAATGCCAGATCTTACCCTGCACAAGAAAGTTTCTGCTGGAGAAAAACCATAT
 GAATGCACCAAGTGCAGGACAGTCTTACGCATCTTTCTCTCTTAAAGGCACGTCAAGTCTCACTGTG
 GACGAAAAGCACCTCCAGGTGAGGAATGTAAGCAGGCCTGCATTTGTCCCTCACACCTACACAGTACCGG
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 CTCTCCACACAGTAAAGACTCACACAGCAGAGAAAACCTACAAATGCGAGCAGTGTCCGATGGCGTTTA
 ATGGGTTTCGAAGCTTCACTAGACATGTGAGAACTCACACAAAAGACAGGCCATATAAATGTCAGGAATG
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 GAGGATGCACACTGGAGAGAAGCCTTATGAGTGTAAACAATGTGGAAAAACCTTCACTTGGTCTCAACC
 TTACATAATCATGTGAGGATGCACACTGGAGAGAAACCTCACAAATGTAAACAATGTGGGATGTCCTTCA
 AGTGGCACTCCTCTCCGGAACCATCTGAGGATGCACACAGGACAGAAATCCCACGAATGTCAGTCATA
 CTCAAAAGCCTTCAGTTGCCAAGTCATTCTTTCTAAAACCACTGAGAGCACACAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

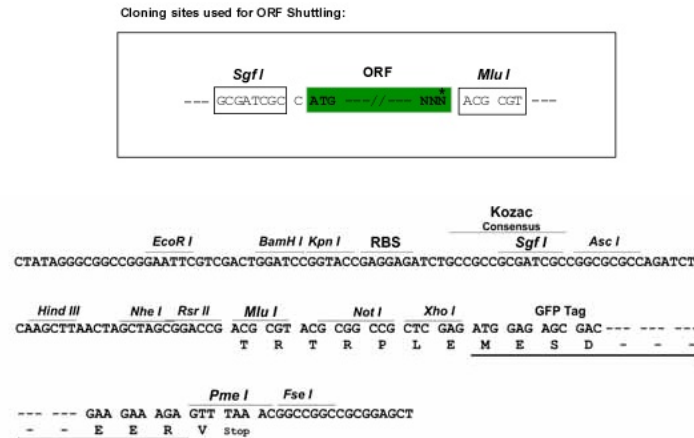
>RG205772 representing NM_173480
 Red=Cloning site Green=Tags(s)

MDSVVFEDVAVDFTLEEWALLDSAQRDL YRDVMLETFRNLASVDDGTQFKANGSVSLQDMYGQEKSKQET
 IPNFTGNNSCAYTLEKNCEGYGTEDHHKNLRNHMVDRFCTHNEGNQYGEAIHQMPDLTLHKVVSAGEKPY
 ECTKCRTVFTHLSSLKRHVKSHCGRKAPPGEECKQACICPSHLHSHGRDTEEKPYKCQACGQTFQHPRY
 LSHHVKTHTAEKTYKCEQCRMAFNFGASFTRHVRHTKDRPYKCQECGRAFIYPSTFQRHMTHTGEKPY
 KCQHCQKAFSTYPQAFQRHEKHTHTGEKPYECKQCGKTFWSSETLRVHMRIHTGDKLYKCEHCQKAFSSRS
 FQGHLRHTHTGEKPYECKQCGKAFWSSTFREHVRHTHTGEKPYECKQCGKAFSSRSFRGHLRHTHTGEKPY
 ECKQCGKFTWSSTFREHVRHTHTGEKPYECKQCGKAFSSRAFGHLRHTHTGEKPYECKQCGKFTWSST
 LHNHVRMHTGEKPHKCKQCGMSFKWHSSFRNHLRMHTGQKSHCQSYSKAFSCQVILSKTSESTH

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_173480

ORF Size: 1665 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_173480.1](#), [NP_775751.1](#)

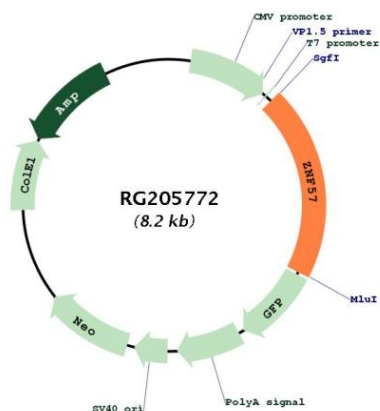
RefSeq Size: 1948 bp

RefSeq ORF: 1668 bp

Locus ID: 126295

UniProt ID: [Q68EA5](#)
 Cytogenetics: 19p13.3
 Protein Families: Transcription Factors
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG205772