

Product datasheet for **RG206744**

ZNF597 (NM_152457) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF597 (NM_152457) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF597
Synonyms:	HIT-4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG206744 representing NM_152457 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGTCCATGCCCCGACGCCGAGGCCAGGGACCAATACTGTTTGAGGATCTGGCTGTGTATTTTT
CTCAAGAGGAGTGCCTGACTCTGCACCCGCCCCAGAGGTCCTCAGCAAAGATGGTACAAAAGAGTCTTT
GGAGGATGCGGCTTTGATGGGAGAGGAAGCAAGCCTGAGATTAATCAGCAGTTAAGCCTAGAGTCTATG
GAACCTTGACGAGCTTGCCTTAGAAAAGTACCCATTGCTGCACCCCTTGCCCTTACCCAGAAAAATCCT
CTGAGGATGGAGTTGAAACCCGAAGCGAAAATATTAAGTGGAACTCCCACTTACAAGAGAAGGGTCAT
CAGCCTTTTAGTTACCATTGAAAACCACACCCCATAGTAGAACTCTCTGAATATTTAGGAACCAACACA
CTTTCTGAAATCTTGATTCTCCCTGGGAAGGAGCCAAAATGTGTACAATGTCCTGAGTGTGACCAAA
ACTTCAGCGATCATTACATACCTAGTTTTGCATCAGAAAATTCATTCAGGAGAGAAAAACATAAATGTGG
TGACTGTGGAAAGATCTCAATCATAGAGCCAACCTGAGGACACACAGGAGAATCCATACTGGTGAGAAA
CCTTATAAGTGTGCCAAGTGCAGTGCCAGCTTTCGCCAGCACTCTCATCTATCCCGACACATGAATAGCC
ACGTAAGGAGAAGCCCTATACATGTAGCATATGTGGTAGAGTTTTATGTGGCTCCAGGATTGGCACA
GCATCAGAAAAGCCACAGTGTGAAAACACCTACGAATCTACTAACTGTGATAAACATTTAATGAGAAA
CCAAATCTTGCTTTGCCGAGGAAACATTCGTATCAGGCCCCAGTACCAGCACACTAAGTCATGAAGA
GCTTCAGGCAGTCTTATATCCTGCCCTTCCGAGAAGAGCCACGACGAGGACTCTGAACGCTGCAGCGA
TGATGGGACAATTTCTTCTCATTCTCAAAATCAAGCCCTTACAGTGTCTGACTGTGACATGACCTTT
CCTTGTCTCTGAGCTTATTTCCATCAGAACATTCATACAGAGGAAAGGCCCCATAAGTGCAAAACAT
GCGAGGAAAGTTTTGCTTTGGACTCAGAATTCATGCCACCAGAAGAGCCACATGCTAGCGGAACCTTT
TAAATGTACCGTGTGTGGGAAAATTTCAAGTCGAATTTGCATCTCATTACTCATAAGCGAACTCACATA
AAAAACACCACG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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_152457.1](#), [NP_689670.1](#)

RefSeq Size: 1838 bp

RefSeq ORF: 1275 bp

Locus ID: 146434

UniProt ID: [Q96LX8](#)

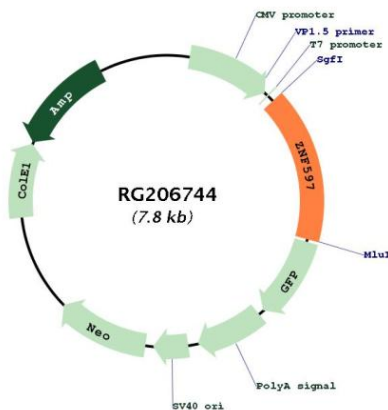
Cytogenetics: 16p13.3

Domains: KRAB, zf-C2H2

Protein Families: Transcription Factors

Gene Summary: This gene encodes a protein with multiple zinc finger domains. Loss of the related gene in rodents results in defects in neural development and embryonic lethality in mutant homozygotes. This gene is adjacent to a differentially methylated region (DMR) and is imprinted and maternally expressed. [provided by RefSeq, Nov 2015]

Product images:



Circular map for RG206744