

Product datasheet for **RG210525**

GTF3C4 (NM_012204) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GTF3C4 (NM_012204) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	GTF3C4
Synonyms:	KAT12; TF3C-delta; TFIID90; TFIID90; TFIID290; TFIIDDELTA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG210525 representing NM_012204
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAACACGGCCGACCAGGCCCGGGTGGGGCCCGCGACGACGGGCCTGCGCCGTCTGGGGAGGAGAGG
 GAGAGGGGGCGCGAGGCGGGCGGAAGGAGCCAGCAGCGGACGCGCCCGGGGCCAGCGCTGCATT
 CCGCCTCATGGTACTCGCGGGAGCCGGCCTGAAGCTGCAGTATGCGGTGAGCGGCCTGGAACCGCTG
 GCTTGGTCCGAGGACCACCGGTGTCTGTGCCACGGCCCGCAGCATCGTGTGCTGGAGCTCATCTGCG
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 CCTCAAAGTTGGCTCAAAAACAGAAGTTGCTGAGTGAAGGAGAAATTCGCCCTCCAAGGACCCACG
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 GGGATTTTGTGAGTTTCAGAGGAGACACAGCATGCAGACCCAGTCAGAATGGAGTGGTCGGGCATCTG
 TACCACCCAGCAGGTCAAGCATAACAACGAATGCCGGGACGTTGGCAGTGTGCTCCTGGCTGTCTCTTT
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 TAGTTTTGTGTAAGAGATCTTGCCATTCACAGATCGCAAACAGGCACTGTTCCAATGGCCACATTTGG
 CTCCGGTCTTCTTAACCTACCAGTCTGCCAGAGTTTGATATATAGAAGGTGTTTGTCTCCATGACAGCA
 TTGCCCGCATCCAGCTCCAGAAGATCCCGACTGGATTAAGAGGTTACTGCAAAGCCCTGCCCTTCTG
 TGATTCTCCTGTCTTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG210525 representing NM_012204
 Red=Cloning site Green=Tags(s)

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MNTADQARVGPADDGPAPSGEEEEGGGEGAGGKEPAADAAPGPSAAFRLMVTREPAVKLQYAVSGLEPL
AWSEDRVSVSTARSIIVLELICDVHNPQDLVIHRTSVPAPLNSCLLKVGSKTEVAECKEFAASKDPT
VSQTFMLDRVFNPEGKALPPMRGFKYTSWSPMGCDANGRCLLAALTMNRLTIQANLNRLQWVQLVDL TE
IYGERLYETSYRLSKNEAPEGNLGDFAEFQRRHSMQTPVRMEWSGICTTQQVKHNNNECRDVGSVLLAVLF
ENGNIAVWQFQLPFVKGESISSCNTIESGITSPSVLFWWEYEHNNRKMSGLIVGSAGPIKILPVNLKAV
KGYFTLRQPVILWKEMDQLPVHSIKCVPLYHPYQKCSCLVVAARGSYVFWCLLLISKAGLNVHNSHVTG
LHSLPIVSMTADKQNGTYTSSDGKVRQLIPIFTDVALKFEHQLIKLSDFVGSVRTHGIAVSPCGAYLA
IITTEGMINGLHPVNKNYQVQVTLKTFEEAAAQLLESSVQNLFKQVDLIDLVRWKILKDKHIPQFLQEA
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LRCFLTYQSCQSLIYRRCLLHDSIARHPAPEDPDWIKRLLQSPCPFCDSPVF
  
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TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

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_012204.4](#)

RefSeq Size: 3866 bp

RefSeq ORF: 2469 bp

Locus ID: 9329

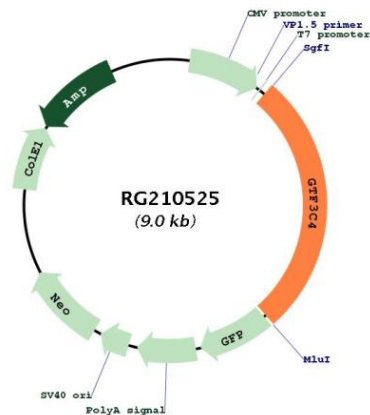
UniProt ID: [Q9UKN8](#)

Cytogenetics: 9q34.13

Protein Families: Transcription Factors

Gene Summary: Essential for RNA polymerase III to make a number of small nuclear and cytoplasmic RNAs, including 5S RNA, tRNA, and adenovirus-associated (VA) RNA of both cellular and viral origin. Has histone acetyltransferase activity (HAT) with unique specificity for free and nucleosomal H3. May cooperate with GTF3C5 in facilitating the recruitment of TFIIB and RNA polymerase through direct interactions with BRF1, POLR3C and POLR3F. May be localized close to the A box.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG210525