

Product datasheet for **RG206823**

ZBTB3 (NM_024784) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZBTB3 (NM_024784) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZBTB3
Synonyms:	FLJ23392
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG206823 representing NM_024784
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTTAGGGAGTTCTCGAAGTGGGGCGTAGAGGCATCGCTGGCAAGGCCTGGGAGCGAAAAAGATCTC
 TACTTCGTGGAGCCGTTGACGCTACCGGGAGCCACTGGTGGGACCTTTTTGGGCCCTTTTCCTTC
 GTGGGGTACTATGGAGTCCCAGAACACAGTCAGCAGCTGCTGCAGAGCCTCCGGGAGCAGCGGTCCAG
 GGTTTCCTTTGTGACTGCACCGTATGGTGGGTAGTACCCAGTCTTGCCCATCGGGCTGTGCTGGCT
 CCTGCAGCCATTCTCCAGTTTTCTACAAGGAGCGGAATTGGACAAGAGGGATCTGGTGTGATTCA
 CAATGAAATTGCACAGCCCCAGCCTTTGGGCTGCTTCTGGACTTTATGTATGCTGGCCAGCTGACCCTG
 AGAGGGGATACCCCTGTGGAGGATGTGCTGGCAGCTGCCAGCTACTTGCACATGAATGACATCGTCAAGG
 TGTGTAAGCGGGCTTCAAGCCCGGGCCCTGGCAGAGGCAGACAGTACCAAGAAGGAGGAGAAACCAA
 CTCACAGCTTCTAGTTGGAGTTTTGTCTAGTACTTCCCGTGGCACCCAACTTCGTTGGCATCTGCT
 GAGACATCAGGCCACTGGGGCAAAGGGGAATGGAAGGCTCTGCTGCTCCCTCACCTACTGTCCGTCCTC
 CAGATGAGCCACCAATGTCTAGTGGGGTGACACTACACAGCCTGGCATGGAGGTTGACGCACCACATCT
 GCGGGCACCTCATCCACAGTGGCTGATGTCTCTTGGCAGCCCTAGTAGCTCCACTGAGACCATTCCT
 ACAAACTACTTCTTCTGGCATCTCAGCAGTTTCATTGGAGCCACTGCCATCTCTTGATGTGGTCCCTG
 AGAGTCTGAGGGTGGTGGAAACCAAGGATCCTGGAGGACCCTGCAAGGCTTCTATCCCCAGCCTCAGC
 CCCAACGTCAGCCCCAGCCCCTGTCTCAGCTCCAGTCCATCCCAGGCTCCAGCCCCAGCTGAAGCTGAG
 CTGGTCCAGGTGAAAGTTGAAGCTATTGTGATCTCTGATGAAGAGACTGATGTGCAGTGAACAGCCTC
 AGGGTCTGAGAGAGCTTTCCATCTGGAGGAGCAGTGTATGGGGCACAGCCCTCCAGCCAGAGCCTTT
 TGAAGACCCAGGGCAGCAGGACTGGAGGAGTGGGGCCAAGTGACCACTTCTGCCAACAGACCCCTCAT
 CTACCCTACCATCTGCTGCCAGGTGCAGGGCAGTATCATCGAGGACTGGTACCTCACCTCTGCCTGCAC
 CCGCATCCCTGCATGAGCCACTTTACCTGTCTTCTGAGTACGAAGCAGCTCCAGGAAGCTTTGGGTTTT
 TACTGAGGATGTTCCACCTGCAAGACATGTGGGAAGACCTTCTCATGCTTTACACACTACGGCGACAT
 GCCACGGTGCACACAGTGCAGCACCCTATGAGTGCCGCTACTGCCTGCGGAGCTACACGCAGTCAGGGG
 ACCTCTACCGCCACATCCGAAGGCTCACAATGAGGACCTGGCCAAACGCAGCAAACCAGATCCAGAAGT
 GGGACCCCTTCTAGGGTGCAGCCTCTCCCTGGCTCCCCAACAGCAGACAGACAGAGCAGCAGTGGTGGA
 GGCCACCTAAAGATTTGTATTGGCCCCAAAACTAACATC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG206823 representing NM_024784
 Red=Cloning site Green=Tags(s)

MLREFSKWGEASPGKAWERKRLLRGAVGRYRGATGGDLFWAPFPSWGTMEFPEHSQQLLQSLREQRSQ
 GFLCDCTVMVGSTQFLAHRVLAASCPFFQLFYKERELDKRDLVCIHNEIVTAPAFGLLLDFMYAGQLTL
 RGDTPVEDVLAASYLHMNDIVKVKRRRLQARALAEADSTKKEEETNSQLPSLEFLSSTSRGTQPSLASA
 ETSGHWGKGEWKSAAPSPTVRPPDEPPMSSGADTTQPGMEVDAPHLRAPHPPVADVSLASPSSTETIP
 TNYFSSGISAVSLEPLPSLDVGPESLRVVEPKDPGGPLQGFYPPASAPTSAPAPVSAPVPSQAPAPAEAE
 LVQVKVEAIVISDEETDVSDEQPQGERAFPSGGAVYGAQPSQPEAFEDPGAAGLEEVGPSDFLPTDPH
 LPYHLLPGAGQYHRGLVTSPLPAPASLHEPLYLSEYEAAPGSFVFTEDVPTCKTCKGTFSCSYLRRH
 ATVHTRERPYECRYCLRSYTSQGDLYRHIRKAHNEDLAKRSKPDPEVGPLLVQPLPGSPTADRQSSSGG
 GPPKDFVLAPKTNI

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_024784

ORF Size: 1722 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_024784.4](#)

RefSeq Size: 2948 bp

RefSeq ORF: 1725 bp

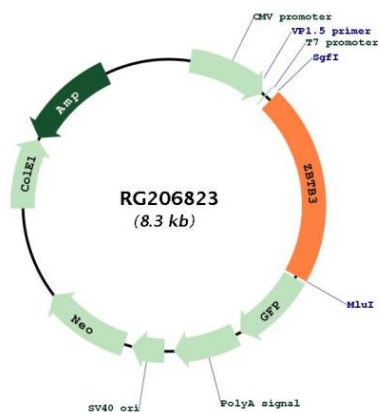
Locus ID: 79842

UniProt ID: [Q9H5J0](#)

Cytogenetics: 11q12.3

Domains: BTB, zf-C2H2
 Protein Families: Transcription Factors
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG206823