

Product datasheet for **MG210210**

Zbtb39 (NM_198035) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zbtb39 (NM_198035) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zbtb39
Synonyms:	7030401O21Rik; mKIAA0352
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide
Sequence:

>MG210210 representing NM_198035
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCATGAGGATCAAACCTGCAAAGCAGCAACCACCCCAACAACCTGCTGAAGGAACCTCAACAAGTGCC
GGCTGTCAGAGACCATGTGCGATGTACCATCGTGGTGGGGAGCCGCTCTTCCCGCCCAAAAGCCGT
GCTGGCGTGCGCAGCTGGCTACTTCCAGAACCTTCTTAAACACTGGGCTAGATGCTGCGCGGACCTAC
GTGGTGGACTTCAATACCCCTGCCAACTTTGAGAAGATCCTGAGTTTTGTATATACATCAGAGCTTTCA
CAGACCTGATCAACGTTGGGGTCACTATGAGGTCGCTGAACGCCTGGGTATGGAGGATCTGCTGCGAGC
CTGCCATTCCACTTCCAGACCTAGAGAGCACTGCAATAGCCAAGTCTTGACCAGCACCAGCGACAGC
CAGTGTGCTACTCTCAGTTGCCCTCAGTAGATCCACCCACCCCTTGGAGAGTCCCGGGGAGTGGGG
AACACTTCGGTCTGATAGAAACTATGTGCTGCCTACTGATGCAGGAGGAAGCTACAAAGAGGAAGAGCG
GAGTGTCTCGGGTGACACTAATCATGGCTTGCCCTGCCACAGCTGCCACTGCCACAAAGTCGGAAGAC
CAGGACACCCCTGTTCCCTTACGCTGTTCCTAGTGTGGCAACCCACCCAGTCTAGGCATGGTCA
GCACAGGCATCCAGACCAGCAGAGTTCTTGCCAGCCATACAAAGTTCAAAGCAACGGAGACTTCAGTAA
AAGCACCTTTTGCCTCTGATAACGCGGTAGACATTACAACCCAGACCAACTCCTGTTTGGCAATAGC
GACCACTCCAGAGATCCAAGCTTTGGGCAGATGGATGAGCTCCAGCTGGACGACGCTGGGGACGAGGACC
TGCAGTTTGAGGACCCGGCCGAAGACATCGGGACCGCAGAGGAGGTGATTGAGTTGAGCGACGACAGCGA
GGACGACCTGGCTTTCGGTGACAGTGACAACCGGGAGAATAAGGCCATGCCCTGCCAGGTGTGCAAGAAA
GTTCTAGAGCCCAACATTCAGCTGATACGGCAGCATGCGCGGGACCACGTAGACTTGCTCACAGGCAACT
GCAAGGCTGTGAGACCCACTTCCAGGACCGAAACTCCCGGGTGACCCATGTCTGTCTCACATCGGCAT
CTTCTGTTTTCTGCGATATGTGTGAGACAAAGTTCTTCACCCAGTGGCAGCTGACCCTGCACCGGCGG
GATGGGATATTTGATAACAACGTCATTGTCCACCCAGTGAACCCTGTCTGGGAAACTGGGTCTCTTTC
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CCGTTGCCACATCCTCGAGCACGTGAACCTGAAGGGCCAGGCCTGCAGCATCTGCGATCAGCGCCACCTC
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CTTCCGTTGCCACTTGTGCAGCCAGAGCTTCCGGTCAGAGGCAGCCTACCGCTACCACGTACGCCAGCAC
AAGTGCAGCAGCGCCTGGACGCGCGCCTGCTCTGGGACTACCACACCTAGCCCTCCAGAAAGCGGAAGC
TGCCCGCCGAGGAGTTTCTGAGCGAAGAGCTGGCTCTGCAGGGCCAGCCTGGGAATAGTAAGTACAGTTG
TAAGGTCTGTGGCAAAAGGTTTGCACACAAGCGAGTTCAACTACCACCGCGGATCCACACAGGGCAG
AAACCTTATCAGTGCAAGGTTTGTACAAATCTTCCGAGGTCGCTCGACCATCAAGTGCCACCTCAAGA
CGCATTACGGGGCGCTCATGTACCGCTGCACAGTCTGCGGCCACTACAGTTCCACCCTTAACCTCATGAG
TAAACAGTCGGGGTGACAAAGGCAGCCTTCCCCTGACTTCACCATCGAGCAGACCTTCATGTACATT
ATACATTCAAAGAGGCTGAGAAGAACCCGGACAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG210210 representing NM_198035
 Red=Cloning site Green=Tags(s)

MGMRIKLQSSNHPNLLKELNKCRLSETMCDVTIVVGSRSFPAHKAVLACAAGYFQNLFLNTGLDAARTY
 VVDFITPANFEKILSFVYSELFTDLINVGVIYEVAERLGMEDLLRACHSTFPDLESTAIKSLTSTSDS
 QCVTLSCPSVDPTHPLGESRSGEHFGPDRNYVLPDAGGSYKEEERSVSGDTNHGLPLPQLPLPKSED
 HDTPVPFTSVPSVATPPPVLGMVSTGIQTSTSSCQPYKVQSNQDFSKSTFFASDNAVDTITQTNCLSNS
 DHSRDPSFGQMDLQLDDVGDDELQFEDPAEDIGTAEVIELSDDSEDDLAFGSDNRENKAMPQVCKK
 VLEPNQLIRQHARDHVDLLTGNCKVCETHFQDRNSRVTHVLSHIGIFLFSDCMCETKFFFTQWQLLHRR
 DGIFDNNIVHPSEPLSGKLGFLPGAASPELKCAVCGKALAKDFHVVRCHILEHVNLKGGQACSIQDRHL
 NLCSLMWMLSHLGISVFSVCVASSFVDWHLLEKHMVVHQLEDVLFRCFLCSQSFRSEAAARYHVSQH
 KCSSGLDARPALGLPHLALQKRKLPAAEFLSEELALQGGQPGNSKYCKVCGKRF AHTSEFNHRR IHTGE
 KPYQCKVCHKFFRGRSTIKCHLKT HSGALMYRCTVCGHYSSTLNLSK HVG VHKGSLPPDF TIEQTFMYI
 IHSKEAEKNPDS

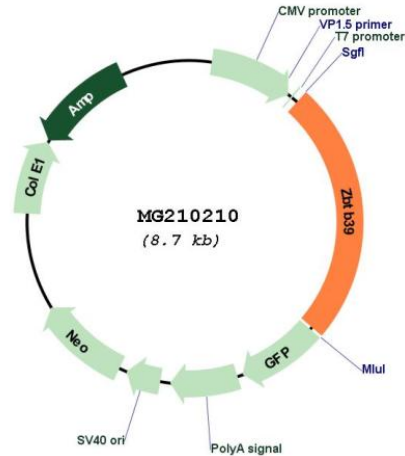
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:


ACCN: NM_198035

ORF Size: 2136 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_198035.2](#)

RefSeq Size: 5970 bp

RefSeq ORF: 2139 bp

Locus ID: 320080

Cytogenetics: 10 D3