

Product datasheet for **RG238972**

ZBTB10 (NM_001277145) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZBTB10 (NM_001277145) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZBTB10
Synonyms:	RINZF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG238972 representing NM_001277145.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGACAAGGCTGGAGCGCAGCTCCACCCGACAGTTATTTGCAAAGTCCCAGGTGAACCTGTGGCGAGA
GAAGGAAAAATGCGCGTCCCGGGCGGGAGTCAGAAAATACCATCAGAGGAGGGTACTGTGACTTTAAT
AGTAGGCCAAATGAGAACTCTTATTGCTATCAACTTCTGCGACAATAAATGAACAGAGAAAAGAAAGGT
ATTCTTTGTGATGTCAGCATTGTGGTAAGCGGAAAAATCTTCAAAGCTCATAAGAACATCCTGGTTGCA
GGCAGCCGTTTCTTAAGACTTTATATTGCTTTTCAAACAAAAGAAAGCCCTAACCAAAAACAATACTACC
CACTTAGATATTGCTGCAGTTCAAGTTTTTCAGTCATCTGGACTTCTTGTATTCTGGTAACCTGGTG
CTCACAAGCCAAAATGCCATTGAAGTTATGACCGTGGCCAGCTATCTTCAAATGAGTGAAGTTGTTCAA
ACTTGCCGAAATTCATTAAGATGCCTTAAATATAAGCATTAAATCAGAAGCTCCAGAGCTGTAGTT
GTGGACTATAATAATAGAAAACAGTTAATAGAGATGGTCTGTCTTCATCAGGGATCAAAAAATGCC
AGTTTTTGGGCAACACGGAATCTACCAATTTGGCAAGTAAATGTAAGATTGAAAATGATGTTGTAAT
GTCGACGAGGGCCAAATAGAAAATACCAATGAATGACAGTAGTTGGGTCCAGGATGGATCTCCTGAA
ATGGCTGAAAAATGAATCTGAAGGTCAAACAAAAGTGTATTTTGGAAATAATGGCTCCAGGGAATT
CAAGAGACTGGCAAAAACAAGGAGGAAAAACCAACTACAAAAGATTTATTTATAATATTTCCACCTAAT
AATGAAACGAATTTAGAAGATTGCTCAGTAATGCAGCCACCTGTTGCCTATCCAGAAGAAAAACACTA
CTCATCAAGGAAGAACCAGATTTAGATGGTGTCTACTCTCGGGCCAGATGGTGATAGGAATGTGAAT
GCAAAATTTATTGGCTGAAGCTGGCACTAGTCAAGATGGAGGTGATGCTGGTACTTCACATGATTTCAAG
TATGTTTGTGCTGCTCCTTCAAATGATTTCAAATGATTCAAATGATTCAAATGATTCAAATGATTTTCA
AAGTATGGATTGATACCAAGGTGCTTCAAATGATTTCAAATGATTCAAATGATTCAAATGATTTTCA
AAGAAAACCTGGGAAAAATGGTGAATCATCTCTAAATCATGAACAAGTTAAAATGCCCTCATTGTAGCTAT
GTAGCCAAATACAGACGAACACTAAAAAGCAGTGTCTCATTACACAGGAGTGAGATCATTAGCTGT
GATATTTGTGGAAAACCTGTTACTCGAAGAGAATGTAAGAAAGACATTCCTGTTGCATAAAAAGGAT
AAAAAATACAAATGTATGGTGTGTAAGAAGATCTTCATGTTAGCAGCCAGTGTGGAAATAAGACATGGA
TCTCGACGTTATGGTGTGTTGTAGACTGTGCAGATAAATCACAGCCAGGAGGGCAAGAAGGTGTAGAT
CAGGGACAGGATACAGAATCCCTCGGGATGAAGAATACGAGGAGAATGAAGTAGGAGAAGCTGATGAA
GAGCTAGTTGATGATGGAGAAGATCAGAATGATCCCTCTCGATGGGATGAATCAGGAGAAGTTGTATG
TCTCTAGATGAT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
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Protein Sequence:

>Peptide sequence encoded by RG238972
 Blue=ORF Red=Cloning site Green=Tag(s)

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MTRLRSSHRTVICKVPGELVAREGKCASRARESEIPSEEGYCDFNSRPNENSICYQLLRQLNEQRKKG
ILCDVSIYVSGKIFKAHNILVAGSRFFKTLYCFSNKESPNQNTTHLDIAAVQGFVILDFLYSGLV
LTSQNAIEVMTVASYLQMSVVQTCRNFIKDALNISIKSEAPESVVVDYNNRKPVNRDGLSSRDQKIA
SFWATRNLTNLASNVKIENDGCNVDEGQIENYQMNDSSWVQDGSPEMAENESEGQTKVFIWNMGSQGI
QETGKTRRNQTTKRFIYNIPPNNETNLEDCSVMQPPVAYPEENTLLIKEEPLDGLALLSGPDGRNVN
ANLLAEAGTSQDGGDAGTSHDFKYGLMPGPSNDFKYGLIPGTSNDFKYGLIPGASNDFKYGLLPESWPK
QETWENGESSLIMNKLKCPHCSYVAKYRRTLKRHLLIHTGVRSFSCDICGKLFTRREHVKRHSLVHKKD
KKYKCMVCKKIFMLAASVGI RHGSRRYGVCVDCADKSQPGGQEGVDQGDTEFPRDEEYEENEVGEADE
ELVDDGEDQNDPSRWDESGEVCMSLDD
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
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Restriction Sites:

Sgfl-Mlul

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).
RefSeq:	NM_001277145.2
RefSeq Size:	8649 bp
RefSeq ORF:	1740 bp
Locus ID:	65986
UniProt ID:	Q96DT7
Cytogenetics:	8q21.13
Protein Families:	Transcription Factors
MW:	65.4 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]