

Product datasheet for RC214454

ZBTB40 (NM_001083621) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZBTB40 (NM_001083621) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZBTB40
Synonyms:	ZNF923
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC214454 representing NM_001083621 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCTCCCCAACTACAGCCGGCAGCTGCTGCAGCAGCTGTACACTCTGTGCAAGGAGCAGCAGTTCT
GTGATTGCACCATCTCCATTGGTACCATTTACTTCAGGGCTCACAAGCTTGTCTGGCTGCTGCCAGCCT
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TCTCCTTAGCAGACAGTCTACAGATGTTTGTAGTGTAGCTGTAGCTGCAAAAATCTTCTGACCAGCCTTGT
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ACAAGTTTAGCCCTGGAGAAAGAGAGGTCATGGAGAAGCTTGTGAAACGTGACTCTGGTTCAGGTGGT
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CACCATGTACCACGGAGCACTTCAAGCAGTCAGAGACCACCTTCCCCTGTGAGCTCTGTGGGAACTCT
TCACCTCCCAGGCCAGCTTGCAGTACCTGGAATCTGAGCACCCAAAGGTGATGAGCACGGAAACCCA
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Protein Sequence: >RC214454 representing NM_001083621
Red=Cloning site Green=Tags(s)

MELPNYSRQLLQQLYTLCKEQQFCDCITISIGTIYFRAHKLVLAAASLLFKTLLDNTDTISIDASVVSPEE
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 KCFEGEGGSAFQRILGKVVREESLDVQTVVSLRLRYQYSNPAVKTALLDRKPEDVDTVQPKGSTEEGKTL
 SVLLLLLHKEDLIQCVTQLRPIMESLETAKEEFLTGTEKRVILNCCGRTPKETIENLLHRMTEEKTAE
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 TSLAPGEREVMKLVKRDSGSGGFNSLISAVLEKQTLSATAIWQLLLVVQETKTCPLDLLMEEIRREPGA
 DAFFRAVTTPEHATLETILRHNQLILEAIQQKIEYKLFTEEEHLAETVKEILSIPSETASPEASLRAVL
 SRAMEKSVPAIEICHLLCSVHKSFPGLQPVQMELAYIGVLTKEGGEKTKVSNKVFHLEANNKEDEKAAK
 EDSQPGEQNDQGETGSLPGQKEEASASDPAPAKKSFICKACDKSFHFYCRKLVHMKRCRVAKSKVQCKE
 CSETKDSKKELDKHQLEAHGAGGEPDAPKKKKRRLPVTCDLGREFAHASGMQYHKLTEHFDEKPFSCCE
 CGAKFAANSTLKNHLRLHTGDRPFMCKHCLMTFTQASALAYHTKKKHSEGKMYACQYCDAVFAQSIELSR
 HVRTHTGDKPYVCRDCGKGRFQANGLSIHLHTFHNIEDPYDCKKCRMSFPTLQDHRKHIHEVHSKEYHPC
 PTCGKIFSAPSMLERHVVTHVGGKPFSCGICNKAYQQLSGLWYHNRTHHPDVFAAQNHRSKFSLLQCSS
 CDKTFPNTIEHKKHIKAEHADMKFHECDQCKELFPTPALLQVHVCKQHSQSPPFRCLYCAATFRFPALQ
 HHVTTEHFQKQSETTFPELCEGELFTSQAQLDShLESEHPKVMSTETQAAASQMAQVIQTPEPVAPTEQVI
 TLEETQLAGSQVFTLPDSQASQASSELVAVTVEDLLDGTVTLICGEAK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8030_g07.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

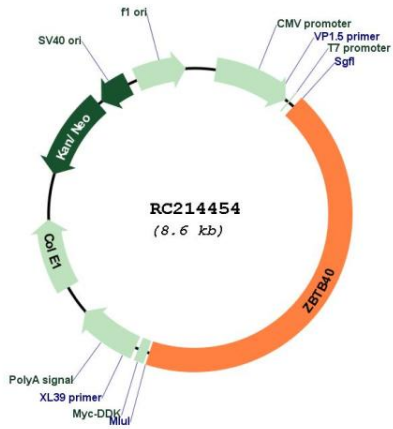


ACCN: NM_001083621

ORF Size: 3717 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:	<ol style="list-style-type: none"> 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_001083621.1 , NP_001077090.1
RefSeq Size:	8992 bp
RefSeq ORF:	3720 bp
Locus ID:	9923
UniProt ID:	Q9NUA8
Cytogenetics:	1p36.12
Protein Families:	Transcription Factors
MW:	137.9 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC214454