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Product datasheet for SC318917

ZBTB37 (NM_001122770) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZBTB37 (NM_001122770) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZBTB37
Synonyms:	D430004I08Rik; ZNF908
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>SC318917 representing NM_001122770.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGAAAGGTGGGAACATACAATTGGAGATTCCTGACTTCAGCAACTCTGTCCTGAGCCATCTAAAC
CAGTTGCGCATGCAGGGCCGTCTCTGTGATATTGTGGTCAATGTGCAAGGACAAGCTTTTCGGGCTCAC
AAAGTGGTGCTGGCTGCCAGCTCCCCCTATTTCCGGGATCACATGTCCTTGAATGAGATGAGTACAGTC
TCCATTTCAGTCATCAAGAACCCTACTGTTTTTGAACAGCTCCTTTCTTTCTGTTACACAGGGCGGATA
TGCCTGCAACTGGCAGATATCATCAGCTACCTAACAGCTGCCAGTTTTCTGCAAATGCAGCATATTATA
GACAAATGTACACAGATCCTGGAGGGCATTCATTTCAAAATTAATGTGGCTGAGGTTGAAGCAGAATTA
AGTCAAACAAGGACAAAGCATCAAGAGAGACCTCCAGAGTCTCACAGGGTTACACCAAATCTCAACCGC
TCCCTTAGCCCACGACATAATACCCCAAAGGGAAACCGGCGAGGTCAGGTTAGTGCTGTGCTGGATATC
AGAGAGCTAAGTCCTCCTGAGGAGTCCACCAGCCCTCAGATCATTGAACCAAGTTCTGATGTAGAGAGC
CGGGAGCCCATTCTTCGGATCAACCGAGCAGGACAGTGGTATGTGGAGACAGGAGTGGCGGACCGTGGG
GGTCGGAGTGATGATGAAGTTAGAGTTCTTGGAGCAGTACACATCAAAACTGAAAATCTGGAGGAGTGG
CTTGGGCCTGAGAATCAGCCTTCTGGAGAAGATGGGAGTAGTGCAGAGGAAGTAACAGCCATGGTGATT
GATACCACAGGCCATGGTTCTGTAGGACAGGAAAATTATACTTTAGGGTCTTCAGGAGCCAAGGTGGCT
CGGCCAACAAGCAGTGAAGTTGACAGATTTAGCCCCTCCGGCAGTGTTGTTCCCTTGACAGAGAGACAC
AGAGCCAGAAGTGAGTCTCCTGGGAGAATGGATGAGCCTAAGCAACCCAGCTCCCAGGTAGAAGAGTCA
GCAATGATGGGAGTAAGTGGCTATGTGGAGTATCTCCGAGAGCAGGAAGTATCTGAGCGGTGGTTCCGG
TACAACCCTCGTCTCACCTGCATCTATTGCGCCAAATCTTTCAACCAGAAGGGAAGCCTGGACCGCCAC
ATGCGCCTACACATGGGGATCACACCATTCGTCTGCCGCATGTGTGGCAAGAAGTATACCCGGAAAGAT
CAGCTGGAGTATCATATCCGCAAGCACACAGGCAACAAGCCCTTTCACTGTCATGTCTGTGGCAAAAGT
TTCCCCTTCCAGGCCATCTTGAATCAGCACTTTCGCAAAAACCACCCTGGCTGTATACCCCTGGAGGGG
CCTCACAGCATCTCCCCTGAAACAACTGTCACATCTCGAGGACAAGCTGAGGAAGAGTCACCTTCACAG
GAAGAGACAGTTGCTCCTGGGGAAGCTGTCCAGGGCTCTGTGTCCACCACTGGGCCAGACTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI

Plasmid Map:

ACCN: NM_001122770

Insert Size: 1512 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001122770.1
RefSeq Size:	2300 bp
RefSeq ORF:	1512 bp
Locus ID:	84614
UniProt ID:	Q5TC79
Cytogenetics:	1q25.1
Protein Families:	Transcription Factors
MW:	56.1 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.