

Product datasheet for SC326900

ZBT24 (ZBTB24) (NM_001164313) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZBT24 (ZBTB24) (NM_001164313) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZBT24
Synonyms:	BIF1; ICF2; PATZ2; ZNF450
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC326900 representing NM_001164313. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGGCAGAAACATCGCCAGAGCCTTCTGGGCAGCTTGTGTACACTCAGACGCTCACAGTGACACTGTG
 CTGGCCAGTTTGTAGGATCAGAGGAAGAAAGGCTTCCTCTGTGACATTACTTTAATCGTGGAGAATGTA
 CATTTCCGGGCCACAAAGCCTTACTTGCTGCCAGTAGTAATACTTCTCAATGATGTTTGCAGAAGAG
 GGGGAAATCGGCCAATCCATTTATATGCTGGAAGGCATGGTTCAGACACCTTTGGTATCCTGCTGGAA
 TTTATCTACACAGTTATCTCCATGCCAGTGAGAAAAGTACAGAACAAATCCTGGCTACTGCTCAGTTC
 TTTAAAGTCTATGACCTGGTAAAGCCTTACACAGACTTCCAAAATATCATAGCTCCCCAAGCCAAACA
 ACTTTGAACACTGCTGGTGCCCAAGTGGTTGTTATCTCTAATAAGAAAAACGATCCTCCAAAGCGGAAA
 CGGGGAAGACCAAAAAAGTCAATACATTGCAGGAGGAGAAATCAGAACTGGCTGCAGAGGAAGAAATA
 CAGTTAAGAGTGAACAATTCAGTTCAGAAATAGACAAAACCTTTGTGGTTAAAGGAGACAGTGGTGTACTG
 AATGAGCAAAATTCAGCAAAAAGAAAAGGAAGAAATCGGAGCCTACTTGTGAGCCAAGTAGAGAGGAGGAA
 ATGCCAGTTGAAAAAGATGAGAACTATGATCCCAAGACCGAGGATGGCCAGGCAAGCCAGAGTCGATAC
 AGCAAGCGGAGGATTTGGAGATCCGTCAAACCTAAAGATTACAACTTGTGGGGATCAAGAGGACCAT
 GGTTACAGCAAGAGGATCTGTGGAAGGAGAAAGCGCCCTGGAGGCCCTGAGGCCCGCTGTAAAGACTGT
 GGCAAGGTCCTTAAGTACAATCACTTTTAGCAATCCACCAGGAGGCCACAGGTAATGATGTTTTTC
 AAAGCTGATTGCAGTGTGTTGCAGAATTGGGAGTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001164313
Insert Size:	1002 bp


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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:	<u>NM_001164313.1</u>
RefSeq Size:	1260 bp
RefSeq ORF:	1002 bp
Locus ID:	9841
UniProt ID:	<u>O43167</u>
Cytogenetics:	6q21
Protein Families:	Transcription Factors
MW:	37.6 kDa
Gene Summary:	This gene encodes a protein similar to a protein in rodents which is induced by bone morphogenic protein 2 in vitro. [provided by RefSeq, Aug 2011] Transcript Variant: This variant (2) differs in the 3' UTR and the 3' coding region, compared to variant 1, resulting in a significantly shorter protein (isoform 2) that has a distinct C-terminus, compared to isoform 1.