

Product datasheet for **SC325082**

ZBTB42 (NM_001137601) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZBTB42 (NM_001137601) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZBTB42
Synonyms:	LCCS6; ZNF925
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC325082 representing NM_001137601. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGAGTTCCTGAGCAGCGCGGACGGCTGCTGGGCCGCCTGAGACAGCAGCGCGAGCTGGGCTTCCTA
 TGCGACTGCACCGTGCTGGTGGGCGACGCGCTTCCCGGCCACCGTGCCGTGCTGGCCGCGTGACG
 GTCTACTTCCATCTTTCTACAGGGACCGGCCCGGGCAGTCGCGACACGGTGCGGCTCAACGGCGAC
 ATCGTCACGGCGCCCGCTTCGGCCGCTACTGGACTTCATGTACGAGGGCCGCTGGACCTGCGCAGC
 CTGCCTGTGGAGGACGTCTGGCAGCCGCCAGCTACCTGCACATGTATGACATCGTCAAGGTCTGCAAG
 GGCAGGCTCCAGGAGAAGGATCGAAGTCTGGACCCGGGAACCTGCCCTGGGGCAGAACCTGCTCAG
 CCACCGTGCCCTGGCCTGTCTGGACCGCGGACCTCTGCCAGCTGCCCGAAAGGCCAAGCTCCCCCG
 TTTGGGGTCAAGGCTGCCTCCCTCCTCGAGCATCTGGGCCTCCTCCCTGCCAGGTCCTCAGAAGAGTCA
 GACCAGGCCCTGGACCTGCTGTTGAAGTCTGGCCCAAGGCAGGAGCGGGTCCACCCACCGTGCGTCCTC
 CAGACACCCCTCTGCAGCCAGAGGCAGCCAGGGGCCAGCCACTGGTGAAGGACGAACGGGACTCACTG
 TCCGAACAGGAGGAGAGCAGCAGCTCTAGGAGCCCCACAGTCCCCGAAGCCACCTCCTGTTCTGCA
 GCCAAGGGCCTGGTGGTGGGCTTGACGCCGCTGCCCTCAGCGGAGAGGGCAGCCGGGAGCTGGAGCTT
 GGTGCAGGGCGACTGGCAGTGAGGACGAGCTGGGGCTGGTGGGCCCTCTGCATCTGCCGTTGTGC
 AGCAAGCTGTTTCCAGCTCCACGTGCTGCAGCTGCACCTCAGTGCCCACTTCCGTGAGCGAGACAGC
 ACCCGGGCCCGCTCTCACCCGACGGCGTGCCACCCACCTGCCCGCTCTGTGGGAAGACCTTCTCGTGC
 ACATACACACTGAAGAGGCACGAGCGGACACACTCGGGTGAGAAGCCCTATACGTGTGTGACGTGTGGC
 AAAAGTTTTCAGTACTCCACAACCTGAGCCGGCACACCGTAGTGACACTCGAGAGAAGCCGATGCC
 TGCCGGTGGTGTGAGCGCCGTTTACGCACTCCGGGACCTCTACCGCCACGTCCGCAAGTTTCACTGT
 GGCCTCGTCAAGTCCCTTCTGGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC


[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001137601
Insert Size:	1269 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:	<u>NM_001137601.2</u>
RefSeq Size:	3546 bp
RefSeq ORF:	1269 bp
Locus ID:	100128927
UniProt ID:	<u>B2RXF5</u>
Cytogenetics:	14q32.33
MW:	46.5 kDa
Gene Summary:	The protein encoded by this gene is a member of the C2H2 zinc finger protein family. This protein is predicted to have a pox virus and zinc finger (POZ) domain at the N-terminus and four zinc finger domains at the C-terminus. In human and mouse, the protein localizes to the nuclei of skeletal muscle cells. Knockdown of this gene in zebrafish results in abnormal skeletal muscle development and myofibrillar disorganization. A novel homozygous variant of the human gene has been associated with lethal congenital contracture syndrome, an autosomal recessive disorder that results in muscle wasting. [provided by RefSeq, Mar 2015]