

Product datasheet for **SC324223**

ZBED5 (NM_021211) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZBED5 (NM_021211) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZBED5
Synonyms:	Buster1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_021211.2
 GCGCCAGCCGCGAATCGGATCTCTATGGAGATGGCCTAGGCGATATCCCTGAGCTGAGAG
 CATCACCTGTCCCCGAATCCTTCTTCTCTGTGTTTTGTTTTTCATCCCTCCCTCT
 CTCCCCTCCCCCTCCAGTCCACGACGACTGGCTGTTGACCCTGTTGAGGCTCGGTGAAG
 GCTTTTGGTTACTCCCCTCCCACCCCATCCCTAATTTTATTCTTTTGAAGAGTGCATT
 TCAAGCTGCCAAGGTGGAGAGAGGGATTACAGAAAGGAGAACACCTTATTTTCAGCTTTTA
 TTTTATGTGATAATCTACCTTTAAGAAAAGGTGTACCATACCTGAGAGCACCAGGAAGT
 CGCATGAGAGATCACCTGATACATGAACGTATGATGTTCCATCTGCGCATTGATGAATAG
 GCAGCATTACAATTAAGTGTGTTGCTGTATATCATCTCTTTGATGATTGCTCCTC
 TTCTTTGTATCCTGTCTTATAATTTCAACACATTTGCGATACTCAATGTCTATTCTAAAT
 TAACCATGTTTTGTACCACAAACTATTGCCATGGATCTGTTGCTGAAACAAGGAAGTC
 TTAACAAGAAGTGAATCTTTCTGTTATCAGATTGTGTCTGAATCAAATGATCAGAAGG
 TTGGAATATTACAAAGTGAAGATAAGCAGTTGCAACCTTCAGTTTCTAAAAATCAGAAG
 GTGAGCTTTCCAGGGTCAAATTTATATCCAATTCACAAAAATAACATTTAGTAAAAAC
 CAAAAAGAAGAAAATATGATGAAAGTTATTTGTCTTTTGGATTTACTTACTTCGGAATA
 GAGATGCACCTCATGCTCAGTGTATTATGTAAGAAAATTTTATCAAATAGCTCTTTAG
 CCCCTAGTAAGCTTCGAAGACATTTGAAAATAAACATGCTGCATATAAGACAAAAGACA
 TAAGCTTTTTCAAGCAACATCTCGATTACCTGAAAATAAAACCCCAACACCTAAAA
 TTGTGAATACAGATAATGAAAGTGTACAGAAGCATACAAATGTAAGTTACCATATAG
 CGCTGAGTGGAGAGGCTCATACTATTGGAGAATTGCTTATCAAACCTTGTGCAAAAGATG
 TAGTGATGCGGATGTTTGTGATGAACAATATAGTAAAAAATAGATGCAGTACAGCTATCAA
 ACAGTACTGTTGCACGTGAATTAAGGATCTAGCTGCTGACATTGAAGAAGAGCTTGTTT
 GTAGACTGAAAATTTGCGATGGGTTTTCACTGCAACTAGATGAATCAGCTGATGTTTTCAG
 GACTTGCTGTGCTGCTTGTGTTTTCGTTATAGGTTTAAATAAGTCTATTGAGGAAGACC
 TACTCCTGTGTAATCTTTGCAAAGTAATGCTACCGGTGAAGAAAATTTCAACTGTATCA
 ACAGTTTTATGCAGAAACATGAAATGAAATGGGAAAAATGTGTTGATGTTTGTAGTGATG
 CTTCTAGGGCAGTGGATGGGAAAATTTGCCGAAGCTGTCACCTTAATAAAATATGTGGCTC
 CCGAAAGCACCAGTAGTCACTGCCTATTATACAGACATGCACTGGCAGTAAAATAATGC
 CTACATCTCTAAAAATGTGCTAGACCAGGCAGTACAAATCATCAATTATATTAAGCTC
 GACCACATCAATCCAGACTATTAATAATTTTATGTGAGGAAATGGGTGCTCAGCACACAG
 CACTTCTCTAAATACAGAGGTGAGGTGGCTTTCTCGAGGTAAAGTTCTTGTAAAGACTTT
 TTGAACCTCGTCGTGAACTTTTGGTTTTTATGGATTCTGCTTTTTCGACTATCTGATTGTT
 TAACAAATTCATCTTGGCTGCTAAGACTTGCATATCTTGAGATATTTTTACTAAATTA
 ATGAAGTTAATTTGTCAATGCAAGGAAAAATGTGACCGTTTTTACAGATTTTGATAAAAT
 GTCGTCATTGTTAAGAAAATTTGGAATTTTGGGCCTCATCTGTAGAAGAAGAAAACTTTGA
 TTGTTTTCTACACTCAGTGATTTTTGACTGAAATTAATTCTACAGTTGATAAAGATAT
 TTGCAGTGCCATTGTGCAGCACCTAAGGGGTTTGCAGGCTACTCTGTTAAAATACTTTCC
 TGTAACAAATGACAATAATGCTTGGGTTAGAAAATCCATTTACAGTTACTGTTAAACCAGC
 TTCATTAGTAGCACGGGACTATGAGAGCCTGATTGATTTAACATCTGATTCTCAAGTGAA
 GCAAAAATTTTGTGAACCTTTCACTAAATGATTTTTGGAGTAGCCTAATTCAGGAATACCC
 AAGCATTGCAAGGCGTGCAGTGCCTGACTTCTTCTTTTGTGCTACAATGCACCTGTGTGA
 AACGGGTTTTTCAATTACGCTGCAACAAAAACAAAATATAGGAAAAGACTTGATGCTGC
 ACCTCATATGCGAATCCGACTTAGCAATATTACACCTAATATTAAGCGGATATGTGATAA
 AAAGACACAAAAACTGTTCTCATTAAAATTTGGAGGAGTTTGCATGTCTCATGATAACC
 AAATGTAAGATGAAAATAAAGATGATTTACTTCAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: ECoRI-NOT

ACCN: NM_021211

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:	<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:	<u>NM_021211.2</u> , <u>NP_067034.2</u>
RefSeq Size:	2652 bp
RefSeq ORF:	2082 bp
Locus ID:	58486
UniProt ID:	<u>Q49AG3</u>
Cytogenetics:	11p15.4
Gene Summary:	<p>This gene is unusual in that its coding sequence is mostly derived from Charlie-like DNA transposon; however, it does not appear to be an active DNA transposon as it is not flanked by terminal inverted repeats. The encoded protein is conserved among the mammalian Laurasiatheria branch. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jan 2009]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.</p>