

Product datasheet for **SC112930**

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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC112930 sequence for NM_021211 edited (data generated by NextGen Sequencing)

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ATGATTGCTCCTCTTCTTGTATCCTGTCTTATAATTTCAACACATTTGCGATACTCAAT
GTCTATTCTAAATTAACCATGTTTTGTACCACAACTCATTGCCCATGGATCTGTTGCTG
AAACAAGGAAGTCTTAACAAGAAGTGAATCTTCTGTTATCAGATTGTGTCTGAATCA
AATGATCAGAAGGTTGGAATATTACAAAGTGAAGATAAGCAGTTGCAACCTTCAGTTTCT
AAAAATCAGAAGGTGAGCTTTCCAGGGTCAAATTTATATCCAATTCCAACAAAAAACA
TTTAGTAAAAAACCAAAAAGAAGAAAAATATGATGAAAGTTATTTGTCTTTGGATTACT
TACTTCGGAAATAGAGATGCACCTCATGCTCAGTGTATTATGTAAGAAAAATTTATCA
AATAGCTCTTTAGCCCCTAGTAAGCTTCGAAGACATTTGGAACTAAACATGCTGCATAT
AAAGACAAAGACATAAGCTTTTTCAAGCAACATCTCGATTACCTGAAAAATAATAAACC
CCAACACCTAAAATTGTGAATACAGATAATGAAAGTGCTACAGAAGCATCATAAATGTA
AGTTACCATATAGCGTGTGAGTGGAGAGGCTCATACTATTGGAGAATTGCTTATCAAACCT
TGTGCAAAAGATGTAGTATGCGGATGTTTGTGAAACAATATAGTAAAAAATAGATGCA
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GAAGAGCTTGTGTAGACTGAAAAATTTGCGATGGGTTTTCACTGCAACTAGATGAATCA
GCTGATGTTTCAGGACTTGTGTGCTGCTTGTGTTTGTTCGTTATAGTTAATAAGTCT
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CTTGTAAGACTTTTTGAACTTCGTCGTGAACTTTTGGTTTTCATGGATTCTGCTTTTCA
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GTATTTGATAAAATGTCGTCATTGTTAAGAAAATGGAATTTTGGGCCTCATCTGTAGAA
GAAGAAAATTTGATTGTTTTCTACACTCAGTGATTTTTGACTGAAATTAATTTCTACA
GTTGATAAAGATATTTGCAGTGCCATTGTGCAGCACCTAAGGGGTTTGCAGCTACTCTG
TTAAAATACTTTCTGTAAACAAATGACAATAATGCTTGGGTTAGAAATCCATTTACAGTT
ACTGTTAAACCAGCTTCATTAGTAGCACGGGACTATGAGAGCCTGATTGATTTAACATCT
GATTCTCAAGTGAAGCAAAATTTAGTGAATTTCACTAAATGATTTTTGGAGTAGCCTA
ATTCAGGAATACCAAGCATTGCAAGGCGTGCAAGTGCCTGCTACTTCTTCTTTTGTACA
ATGCACCTGTGTGAAACGGGTTTTTATATTACGCTGCAACAAAAACAAATATAGGAAA
AGACTTGATGCTGCACCTCATATGCGAATCCGACTTAGCAATATTACACCTAATATTAAG
CGGATATGTGATAAAAAGACAAAAACACTGTTCTCATTAA

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Clone variation with respect to NM_021211.3
1269 c=>t

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_021211 unedited</p> <pre> NGTTCAAATTTTGTATACGAACTCACTATAGGCGGCCCGCAATCGGCACGAGGCTCG TGCCGAATTCGGCACGAGGCGGCGACCGCGCCAGCCGCAATCGGATCTCTATGGAGATG GCCTAGGCGATATCCCTGAGCTGAGAGCATCACCTGTCCCCGAATCCTTCTTCTCTC TGTTTTGTTTTTCATCCCCTCCCTCTCTCCCCCCCCCTCCAGTCCACGACGACTGGCT GTTGACCCTGTTCAGGCCTCGGTGAAGGCTTTTGGTACTCCCCTCCCACCCCATCCCT TAATTTTATTCTTTTGAAGAGTGCATTTCAAGCTGCCAAGGTGGAGAGAGGGATTACAGA AAGGAGAACACCTTATTTTCAGAAAAGGTGTACCATACCTGAGAGCACCAGGAAGTCGCAT GAGAGATCACCTGATACATGAACGTATGATGTTCCATCTGCGCATTGATGAATAGGCAGC ATTTACAAATTAAGTGTGTTGCTGTATATCATCTCTTTGATGATTGCTCCTCTTCTT TGTATCTGTCTTATAATTTCAACACATTTGCGATACTCAATGTCTATTCTAAATTAACC ATGTTTTGTACCACAACTATTGCCCATGGATCTGTTGCTGAAACAAGGAAGTCTTAA CAAGAAGTGAATCTTTCTGTTATCAGATTGTGTCTGAATCAAATGATCAGAAGGNTGGA ATATTACAAAGTGAAGATAAGCAGTTGCAACCTTCAGTTTCTAAAAAATCAGAAAGTGAG CTTTCAGGGTCAAATTTATATCCAATTCACANAATACCTTTAGTAAAAACAAAAAG AAGAAATATGATGAAAGNNTATTGCCTTTTGGATTTACTTACTCCCGAAATAGAGAGCAC CTCATGCTCAGTGTGAATT </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_021211 unedited</p> <pre> GACCAAACCTCGCNATCTAGGATCGAGTAAATCTTTTTTTTTTGAAGAAAATCATCTT TTATTTTCATCTTACATTAGGAAACCATGAGACATGCAAACCTCCAATTTTAATGAGA ACAGTGTTTTTGTGTCTTTTATCACATATCCGCTTAATATTAGGTGAATATTGCTAAG TCGGATTTCGCATATGAGGTGCAGCATCAATTTTTTTCCTATATTTTGTTTTTGTTGCAGC GTAATATGAAAACCCCGTTTCACACAGGTGCATTGTAGCAAAAAGGAAGAAGTACACGCAC TGCACGCCTTGAATGCTTGGGTATTCCTGAATTAGGCTACTCCAAAATATTTAGTGA AAGTTCATAAAATTTGCTTCACTTGAGAATCAGATGTTAAATCAATCAGGCTCTCATA GTCCCCTGCTACTAATGAAGCTGGTTAACAGTAACTGTAATGGATTTCTAACCCAAGC ATTATTGCATTTGTTACAGGAAAGTATTTAACAGAGTAGCGCGCAAACCCCTTAGGTG CTGCACAATGGCACTGCAAATATCTTTATCAACTGTAGAATTAATTTAGTCAAAAAATC ACTGAGTGTAGGAAAACAATCAAAGTTTCTTTTACAGATGAAGCCCAAAATCCAA TTTTCTTAACAATGACGACATTTTATCAATACTGTAAAAACCGTCACATTTTTTCTTG CATTGACAAATTAACCTTCATTTAATTTAGTAAAAAATCTGCAAGATATGCAAGTTTTA TCACCCAGATGAATTTGTTAAACCATCCATAGCCAAAAGCCGAATCCTGAAAACAAAAGT TCCGACCAAGTAAAAGTTTCAAACCTTACTTCAAAGCCCCTCCCTGTTTTTAAAAA GGCTGTGCTAACCCCTTCC </pre>
Restriction Sites:	ECoRI-NOT
ACCN:	NM_021211
Insert Size:	1730 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).
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_021211.2](#), [NP_067034.2](#)

RefSeq Size: 2652 bp

RefSeq ORF: 2082 bp

Locus ID: 58486

UniProt ID: [Q49AG3](#)

Cytogenetics: 11p15.4

Gene Summary: 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]
Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.