

Product datasheet for **SC126050**

ZBED2 (NM_024508) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZBED2 (NM_024508) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZBED2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_024508 edited

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CCCAAATATATATTTAATCTTGTGGTTCAAATAAGCTTTTGGCTCACATCTAAGCACATC
ATAAAGAACGCTGTAGAAGAGGTGACATGATGAGCGGGAAGACGAGGAAGAGGAGGGAA
CAATGATGAAGGCAAAAGGGGACTTAGAGATGAAGGAGGAGGAAGAGATTAGTGAGACAG
GAGAACTGGTTGGCCCTTTTGTGAGTGCTATGCCCACTCCAATGCCCCACAACAAGGGCA
CCCGGTTCTCTGAGGCATGGGAATATTTCCACCTAGCTCCTGCTCGTGCTGGGCACCATC
CCAACCACTATGCCACCTGCCGCTGTGTGGCAGGCAGGTGAGCCGTGGCCCTGGGGTCA
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CCACAGGCATTGAGGGTAACTGGGGTAGGCTCCTGGAGCAGGTGGGCACCATGGCTTTGT
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AGTGGAAGGTGAGGGCTGAGAAGGAGGCATGCCAGCGGAGAAAAGAGCTGCCTGCAGCAG
TACATCCCTTCCATTTTGTAAATTGGGCTTGAGAACTATTCTGAAAACATTGACTC
TAGACTTGTAAGAAAGAGCCATTTTAGTTTCAACTCAAATGTAAAGCAAAGTAGTTTGGT
GACATTTTGCTTTTATGTGAAATAGTGACAGTATGAGTTAATCTGAGCAGGTCTGAATT
GACCAAATGCTTATCTACGAGGTTCTAGAGCTCTGCTGACCCTTGGCCGAAACTCTAAA
ATGTACCTATTAAGATAAATGCTTCTACCAAAGTAAACTCTGTGAGTTGTTTCAGGGC
AGAATGTACCAGCCAGTCAGCGTTGTTTAAACAAAATAATCAGATTTTGCCTAGCACTCG
GTTTTGGTGGAGCTGACGATTTTGGGGCTGAGGCTGGTTAGGTAGCTGGAATGTGCCTA
TGTGACCAGCTCACTTGACAGACCCCTGCCGGAAGCAGAGCTTAATCTTCTAGGACTGA
GGTCTTAGCACATGTACTGGTGGAGTTTCCAGACCACCACTATGAATAAAAGCTTGTCT
GTGTGACCAGCAAGTGAAGGACAAAGAACTGTGAGCCTCAGATCTTTGGACCTTTCCA
ATGCGTCTCTTCTCCTGTTATTGCTGCAATGTATTTCTTGCTTATATTAAGTTGTTT
CATCAGTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_024508 unedited <pre> NNNNGGGGAGTTTCTGATACGACTCACTATAGGCGGACCGCAATTCGCACGAG GCCCAAATTATATTTAATCTTGTGGTTCAAATAAGCTTTTGGCTCACATCTAAGCACATC ATAAAGAACGCTGTAGAAGAGGTGACATGATGAGGCGGGAAGACGAGGAAGAGGAGGGAA CAATGATGAAGGCAAAAGGGGACTTAGAGATGAAGGAGGAGGAAGAGATTAGTGAGACAG GAGAACTGGTTGGCCCTTTTGTGAGTGTATGCCCACTCCAATGCCCAACAACAAGGCA CNNCCGTTCTCTGAGCATGGGAATATTTCCACCTAGCTNCTGCTCGTGCTGGGCACCAT CCCACCAGTTATCCACCTGCCCCCTGGGTGGCAGGCAGGGTAACCCCGGGCCCCGGGG TAAACGGGGGCCCTTCTGTGGGAACCCCTAAAAAACCTCCCAAAAAGAACCGT AAAAAAATTGTTCTTTTGTGGGGGNNCCCAATTTATAAAAGCCCCGGGGGCC CCTCTCCCCCCCCNTTTTAGAAAAAGGGGGGGCCCCCCCCCAAGGGGGCGCCC CCCTTTTTTTTTTGTCCCCACCCAAAAAATGTGCTTTTAAATAAAAAA AAAAAATTTTGGTGGGGGGGGGGGGGTAAAAAACACCCCCCCCCC CCCGAGGGAGGGAGCGCCCCCCCCCCCCCAACAAAAAAGAGGGNGGG GAGAGAGNNNNNNNNCCCCAAAAAACCCCCCCCCCCCCCN NNNCCCTCTTTTGTGGGGGGGGGGGGGGTTNCTATAACCCACCTCCCC CCAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_024508
Insert Size:	1400 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_024508.3, NP_078784.2</u>
RefSeq Size:	2210 bp
RefSeq ORF:	657 bp
Locus ID:	79413
UniProt ID:	<u>Q9BTP6</u>

Cytogenetics: 3q13.13

Gene Summary: Transcriptional regulator which has intrinsic repressor activity and which competes with the transcriptional activator IRF1 for binding to the 5'-[CA]GAA[AC]C[CT]-3' consensus sequence in gene promoters (PubMed:32385160). May thereby play a role in keratinocyte differentiation (PubMed:31552090).[UniProtKB/Swiss-Prot Function]