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Product datasheet for SC114800

ZBED4 (NM_014838) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZBED4 (NM_014838) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZBED4
Mammalian Cell Selection:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_014838, the custom clone sequence may differ by one or more nucleotides

ATGGAGAATAACTTGAAAACTTGTCCCAAAGAGGACGGTGATTTCGTTTCTGATAAAATAAAGTTTAAAA
TAGAAGAGGAAGATGATGATGGAATTCCTCCTGATAGTTTGGAAAGAATGGACTTTAAAAGCGAGCAGGA
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TCGAAGCTGTGGAATCATTTTTCTATTTGCTCCGCAGACTCCACAAAAGTCGTGTGCTTGCACTGTGGCC

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GGACCATCAGCCGGGGGAAGAAGCCGACTAACTTGGGTACCAGCTGTCTTCTGAGACATTTACAGCGGTT
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014838 unedited
TTCCCATTAGTATACGACTCCTATAGGCGGCCGCGNAATTCGCACGAGGGCTGTGAGTAC
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3' Read Nucleotide Sequence:

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>OriGene 3' read for NM_014838 unedited
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GATGTCCTTGGGATTTGAAAATATCCCAGTGATGGCCGCATCTTCCCTATCATAAAAAAA
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GACCACCTGCCATCAGCGTGTCATTGAACGCACTGGCGAAGTGATGAGCACAGTTACAAA
GGGATCACATTTCAGAGGAGCTGATGATAAACAGCTGGGGTATCTCTGAGTTAACTGACC
ATGTAAAGCCTGAATGCAGAAACCTGAAATGGGAAAGCTCTCAAAATAAGCTCCATGAAA
CATCTAAGTTTCGTTTCCAAATGCCACGTTCTCTGTCGTAGTAAACAGCTACCCTTCCAG
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TGGTTGGCCTTCACCCCCTATTTACAGATTCATTTGGTAGCCCCAAAGCTTTCTGGTGCA
TTAAAGCAGGGTTTACTAAAACCGCCCCGATTCTGGGTTGCCCTATCGGCCAAAGCCACA
CACAAAAGGGTAACCTTCTTGGCTCTAGCAAT
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Restriction Sites: NotI-NotI

ACCN: NM_014838

Insert Size: 4470 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_014838.1, NP_055653.1

RefSeq Size: 5217 bp

RefSeq ORF: 3516 bp

Locus ID: 9889

UniProt ID: O75132

Cytogenetics: 22q13.33

Domains: zf-BED

Gene Summary: Transcriptional regulator that binds to poly-guanine tracts in gene promoters and activates transcription (By similarity). Able to bind single- and double-stranded DNA and RNA (By similarity).[UniProtKB/Swiss-Prot Function]