

Product datasheet for RC230650

AREB6 (ZEB1) (NM_001174093) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AREB6 (ZEB1) (NM_001174093) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZEB1
Synonyms:	AREB6; BZP; DELTAEF1; FECD6; NIL2A; PPCD3; TCF8; ZFHEP; ZFH1A
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC230650 representing NM_001174093 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
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ATGGCGGATGGCCCCAGGTGTAAGCGCAGAAAGCAGGCGAACCCGCGGCGCAATAACGTTACAAATTATA
ATACTGTGGTAGAAACAAATTCAGATTCAGATGATGAAGACAACTGCATATTGTGGAAGAAGAAAGTGT
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GTGATGATTGTCCAGGAGATATTAATGCACTTCCAGAATTAAGCACTATGACCTAAAGCAGCCTACTCA
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Protein Sequence:

>RC230650 representing NM_001174093
 Red=Cloning site Green=Tags(s)

MADGPRCKRRKQANPRRNNVTNYNTVVETNSDSDDEDKLHIVEEESVTDAAADCEGVPEDDLPTDQTVLPG
 RSSEREGNAKNCWEDDIKDDECESDAENEQNHDPNVEEFLQQQDTAVIFPEAPEEDQRQGTPEASGHEN
 GTPDAFSQLLTCPCYDRGYKRFSLKEHIKYRHEKNEDNFSCSLCSYTFAYRTQLERHMTSHKSGRDQRH
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 NVIPPSANPINIAIPTVTAQLPTIVAIADQNSVPCLRALAANKQTILIPQVAYTYSTTVSPAVQEPPLKV
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

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_001174093.2</u>
RefSeq ORF:	3315 bp
Locus ID:	6935
UniProt ID:	<u>P37275</u>
Cytogenetics:	10p11.22
Protein Families:	Transcription Factors
MW:	122.5 kDa
Gene Summary:	This gene encodes a zinc finger transcription factor. The encoded protein likely plays a role in transcriptional repression of interleukin 2. Mutations in this gene have been associated with posterior polymorphous corneal dystrophy-3 and late-onset Fuchs endothelial corneal dystrophy. Alternatively spliced transcript variants encoding different isoforms have been described.[provided by RefSeq, Mar 2010]