

## Product datasheet for MC212971

### Crebzf (NM\_145151) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Crebzf (NM\_145151) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Crebzf  
**Synonyms:** 1110034C16Rik; 6330417B10Rik; LAZip; LAZipII; SMILE; Zf  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >MC212971 representing NM\_145151  
 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGCCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC  
 GCC

ATGAGGCACAGCCTGACCAAGCTGCTGGCAGCCTCGGGCCGCGACTTCCCAGCCGCCGCGACAGCCGGG  
 AGCCGCCCGCCACGCGCGCGCCGCCCGGGAGCCGAGCGGGCAGCCGCGGGGCGGAGACCCCGAGGCC  
 CGGATCGCCTGACCGCGAGCAACCTCACGGGGACGGGGACGGGGCGAGCCGAGGCCCGGAGCGGGAGC  
 CGCGGCAGCGTGGCCGTGCGCGCGCCCGCCCTCGCCCTGAAGATGGAGGAGGAGGAGGAGGACGCGA  
 TCGCCATGGTCCCAAGGAAGAGCCGGAGGACATGGACTTCTCTCCGGGCTGGAGCTGGCCGATCTGCT  
 GGACCCTCGGCAACCGGACTGGCACCTGGAGCCCGGGCTCAGCTCGCCCGGGCCCTGTCTCGTCCGGC  
 GGAGGCTCGGAGAGCGGGCGCCTGTTGAGGGGGACGACGACGACGACACCGCGGCCCGGAGATGCAGC  
 GCTTCTCCGACTTGTGCAGAGGCTGTTGAACGGCATCGGAGGCTGCAGCAGCGCGGTGACCGCGCGG  
 CGGGGAGAAGAGGCGGAGAAAGTCCCCGGGAGCAGGAGGCGGTGGCGCAACGACGGCAACAGGCGGGC  
 ACCAAGAGTCCCCGGAAGGCGGGCGGGCCGCTGCCCGTCTTAATCGGCTCAAGAAGAAGGAGTACGTGA  
 TGGGGCTGGAGAGTCGGGTCCGGGACTGGCAGCCGAGAACCAGGAGCTCGGGCCGAGAATCGGGAGCT  
 GGGCAAGCGCGTCAAGCACTGCAGGAGGAGAGTCGCTACCTACGGGCCCTCTGGCCAACGAGACCGGA  
 CTAGCTCGCTGCTGAGCCGACTGAGCGGCTGGGACTGCGGCTGACCACCTCCCTTTAGAGACTCGC  
 CGCCCGGCGACACGACTACGCCCTGCCGGTGGGGAAGCAGCCCGGAGCCGCGGGAAGAGGACGACGC  
 GGCGGGAGGAGTGTCTCCATGTGGACAAGGATAAAGGTGTCGGTGGAGTTCTGCTCGGCGTGGCTCGG  
 AAGGCGTCGTCGCTCTTAAAATGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** AscI-MluI



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<b>ACCN:</b>	NM_145151
<b>Insert Size:</b>	1077 bp
<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a></p>
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_145151.3</a> , <a href="#">NP_660133.2</a>
<b>RefSeq Size:</b>	5263 bp
<b>RefSeq ORF:</b>	1077 bp
<b>Locus ID:</b>	233490
<b>UniProt ID:</b>	<a href="#">Q91ZR3</a>
<b>Cytogenetics:</b>	7 E1
<b>Gene Summary:</b>	<p>Strongly activates transcription when bound to HCFC1. Suppresses the expression of HSV proteins in cells infected with the virus in a HCFC1-dependent manner. Also suppresses the HCFC1-dependent transcriptional activation by CREB3 and reduces the amount of CREB3 in the cell. Able to down-regulate expression of some cellular genes in CREBZF-expressing cells (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the functional protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments. COMPLETENESS: complete on the 3' end.</p>