

# **Product datasheet for MG219934**

## Crebl2 (NM\_177687) Mouse Tagged ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

**Product Name:** Crebl2 (NM\_177687) Mouse Tagged ORF Clone

Tag: TurboGFP

Symbol: Crebl2

**Synonyms:** Al046348; B230205M03

Mammalian Cell Neomycin

Selection:

**Vector:** pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >MG219934 representing NM\_177687

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGGATGACAGCAAGGTGGTTGGAGGCAAAGTGAAGAAGCCTGGTAAGCGAGGACGGAAGCCAAAA TCGACTTGAAAGCGAAACTTGAGCGAAGCCGGCAGAGTGCGAGAGAATGCCGGGCCAGGAAAAAGCTGAG GTACCAGTACTTGGAGGAGTTGGTATCCAGTCGGGAAAGAGCTATATGTGCACTCCGAGAGAACTGGAA ATGTACAAGCAGTGGTGCATGGCAATGGACCAAGGGAAAATCCCTTCTGAAATAAGGGCCCTACTCACTG GCGAGGAGCAAGACCTCAGCAGAACTCCAAAGCAGCCTACCACAC

CAACTCGTTGGTGGGAAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG219934 representing NM\_177687

Red=Cloning site Green=Tags(s)

MDDSKVVGGKVKKPGKRGRKPAKIDLKAKLERSRQSARECRARKKLRYQYLEELVSSRERAICALREELE

 ${\tt MYKQWCMAMDQGKIPSEIRALLTGEEQSKPQQNSSRHPKAGKTDANTNSLVGN}$ 

TRTRPLE - GFP Tag - V

**Restriction Sites:** Sgfl-Mlul



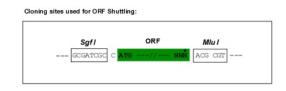
**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

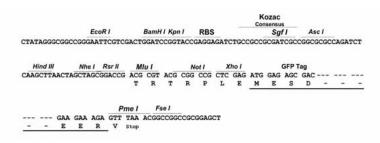
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

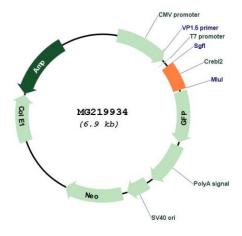


#### **Cloning Scheme:**





### Plasmid Map:



**ACCN**: NM\_177687

ORF Size: 369 bp

**OTI Disclaimer:** 

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. More info



## Crebl2 (NM\_177687) Mouse Tagged ORF Clone - MG219934

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

**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 177687.3, NP 808355.1</u>

 RefSeq Size:
 2536 bp

 RefSeq ORF:
 372 bp

 Locus ID:
 232430

 UniProt ID:
 Q32M00

 Cytogenetics:
 6 G1

**Gene Summary:** Probable regulator of CREB1 transcriptional activity which is involved in adipose cells

differentiation. May also play a regulatory role in the cell cycle.[UniProtKB/Swiss-Prot

Function]