

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: A1046348; B230205M03
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG219934 representing NM_177687
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATGACAGCAAGGTGGTTGGAGGCAAAGTGAAGAAGCCTGGTAAGCGAGGACGGAAGCCAGCCAAAA
TCGACTTGAAAGCGAACTTGAGCGAAGCCGGCAGAGTGCAGAGAATGCCGGCCAGGAAAAAGCTGAG
GTACCACTACTGGAGGAGTTGGTATCCAGTCGGGAAAGAGCTATATGTGCACTCCGAGAGGAAGCTGGAA
ATGTACAAGCAGTGGTGCATGGCAATGGACCAAGGAAAAATCCCTTCTGAAATAAGGGCCCTACTCACTG
GCGAGGAGCAGAGCAAGCCTCAGCAGAAGCAAGCAGGCATCCCAAAGCTGGGAAGACAGACGCTAACAC
CAACTCGTTGGTGGGAAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG219934 representing NM_177687
Red=Cloning site Green=Tags(s)

MDDSKVVGKVKKPGKRGRKPAKIDLKAKLERSRQSARECRARKLRQYLEELVSSRERAICALREELE
MYKQWCMAMDQKIPSEIRALLTGEEQSKPQQNSSRHPKAGKTDANTNSLVGN

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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:	<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_177687.3</u> , <u>NP_808355.1</u>
RefSeq Size:	2536 bp
RefSeq ORF:	372 bp
Locus ID:	232430
UniProt ID:	<u>Q32M00</u>
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]