

Product datasheet for RN215590

Crebl2 (NM_001015027) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Crebl2 (NM_001015027) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Crebl2
Synonyms:	MGC109304
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN215590 representing NM_001015027 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATGACAGCAAGGTGGTCGGAGGCAAAGTGAAGAAGCCTGGTAAGCGAGGGCGGAAGCCAGCCAAAA
TTGACTTGAAAGCAAACTTGAGCGAAGCCGGCAGAGTGAAGAGAGTCCCGGCCAGGAAAAAGCTGAG
ATACCACTACTTGGAGGAGTTGGTGTCCAGTCGGGAAAGAGCTATATGTGCACTCCGAGAGGAAGCTGAA
ATGTACAAGCAGTGGTGCATGGCAATGGACCAAGGAAAAATCCCTTCTGAAATAAGGGCCCTACTCACTG
GCGAGGAGCAGAACAAAGTCTCAGCAGAAGTCAAGCAGGCATCCCAAAGCTGGAAAGACAGACGCTAACAC
CAATTCGTTGGTGGGAAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001015027
Insert Size:	372 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).



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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_001015027.1</u> , <u>NP_001015027.1</u>
RefSeq Size:	3505 bp
RefSeq ORF:	372 bp
Locus ID:	362453
UniProt ID:	<u>Q5BJU6</u>
Cytogenetics:	4q43
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 (By similarity). [UniProtKB/Swiss-Prot Function]