

Product datasheet for RC208486L3

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

CBF1 interacting corepressor (CIR1) (NM_004882) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: CBF1 interacting corepressor (CIR1) (NM_004882) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: CBF1 interacting corepressor

Synonyms: CIR

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Sgfl-Mlul

E. coli Selection: Chloramphenicol (34 ug/mL)

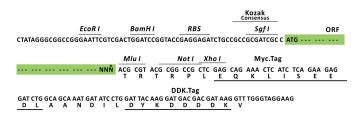
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC208486).

Sequence:

Restriction Sites: Cloning Scheme:

Cloning sites used for ORF Shuttling:





st The last codon before the Stop codon of the ORF.

ACCN: NM_004882

ORF Size: 1350 bp



CBF1 interacting corepressor (CIR1) (NM_004882) Human Tagged Lenti ORF Clone - RC208486L3

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

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 004882.3</u>

RefSeq Size:1809 bpRefSeq ORF:1353 bpLocus ID:9541

UniProt ID: Q86X95

Cytogenetics: 2q31.1

Protein Families: Transcription Factors

MW: 52.8 kDa

Protein Pathways:

Gene Summary: May modulate splice site selection during alternative splicing of pre-mRNAs (By similarity).

Regulates transcription and acts as corepressor for RBPJ. Recruits RBPJ to the Sin3-histone deacetylase complex (HDAC). Required for RBPJ-mediated repression of transcription.

[UniProtKB/Swiss-Prot Function]

Notch signaling pathway