

Product datasheet for **RC208486**

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

Product data:

| | |
|---------------------------|------------------------------------------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | CBF1 interacting corepressor (CIR1) (NM_004882) Human Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | CBF1 interacting corepressor |
| Synonyms: | CIR |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Cloning Scheme:

ACCN: NM_004882

ORF Size: 1350 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](#)
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: [NM_004882.4](#)
RefSeq Size: 1809 bp

RefSeq ORF: 1353 bp

Locus ID: 9541

UniProt ID: [Q86X95](#)
Cytogenetics: 2q31.1

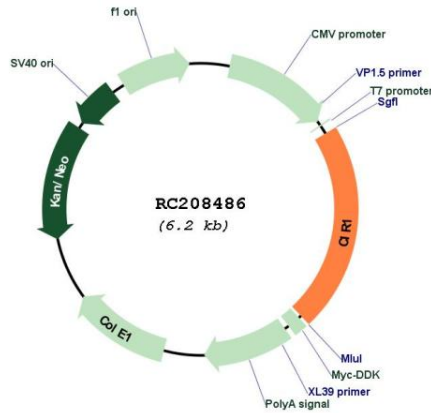
Protein Families: Transcription Factors

Protein Pathways: Notch signaling pathway

MW: 52.8 kDa

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]

Product images:



Circular map for RC208486