EMPOWER YOUR RESEARCH

## Product datasheet for RC208486

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

## Product data:

## Product Type:

Product Name:
Tag:
Symbol:
Synonyms:
Mammalian Cell
Selection:
Vector:
E. coli Selection:

Expression Plasmids
CBF1 interacting corepressor (CIR1) (NM_004882) Human Tagged ORF Clone
Myc-DDK
CBF1 interacting corepressor
CIR
Neomycin
pCMV6-Entry (PS100001)
Kanamycin ( $25 \mathrm{ug} / \mathrm{mL}$ )

| ORF Nucleotide | >RC208486 representing NM_004882 |
| :---: | :---: |
| Sequence: | Red=Cloning site Blue=ORF Green=Tags(s) |
|  | TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC |
|  | GCCGCGATCGCC |
|  | ATGGGGAAATCCTTCGCCAACTTCATGTGCAAGAAAGACTTTCATCCTGCCTCCAAATCCAATATCAAAA |
|  | AAGTATGGATGGCAGAACAGAAAATATCATATGATAAGAAGAAACAAGAAGAATTGATGCAGCAATATCT |
|  | TAAAGAACAAGAATCATATGATAATAGATTGCTTATGGGAGATGAACGTGTAAAGAATGGCCTTAATTTC |
|  | ATGTATGAAGCCCCACCAGGAGCTAAAAAAGAAAACAAAGAGAAAGAAGAAACAGAAGGAGAGACCGAAT |
|  | ACAAATTTGAATGGCAGAAAGGAGCCCCACGAGAAAAATATGCCAAAGATGACATGAACATCAGAGATCA |
|  | GCCCTTTGGTATTCAGGTTCGAAATGTGAGGTGCATTAAATGTCACAAATGGGGTCATGTCAACACAGAT |
|  | CGAGAATGTCCTTTGTTTGGTCTTTCTGGAATCAATGCAAGTTCGGTTCCCACTGATGGCTCAGGGCCAT |
|  | CGATGCACCCCTCGGAGCTAATAGCGGAGATGAGAAACAGTGGGTTTGCACTGAAACGAAATGTACTGGG |
|  | GAGAAACTTGACCGCAAATGATCCATCACAGGAGTATGTTGCAAGTGAGGGTGAAGAAGATCCAGAAGTT |
|  | GAATTTTTAAAGTCACTAACAACCAAACAAAAACAGAAACTTCTCAGGAAATTAGATCGACTGGAGAAGA |
|  | AAAAAAAGAAAAAAGATAGAAAAAAGAAAAAGTTTCAGAAGAGCAGAAGTAAACACAAAAAACATAAGTC |
|  | СTСTTСTTССТСАТСТTССТССТССТССТССТСTTССТСTACTGAGACTTCAGAAAGCAGTAGTGAGAGT |
|  | GAGAGTAACAATAAAGAAAAAAAAATACAAAGGAAGAAAAGAAAGAAAAACAAGTGTTCAGGGCATAACA |
|  | ACAGTGATTCTGAAGAGAAGGACAAGTCTAAGAAGAGAAAGCTTCATGAAGAACTTTCTAGCAGTCACCA |
|  | TAACCGGGAAAAAGCCAAGGAAAAGCCCAGGTTCTTAAAACACGAGAGTTCTAGGGAGGACAGCAAATGG |
|  | AGCCATTCTGATTCTGACAAAAAGTCCAGAACCCATAAACATAGCCCAGAGAAGAGAGGCTCTGAAAGAA |
|  | AGGAGGGGAGCAGCAGAAGCCACGGCAGGGAGGAAAGGAGCCGGAGAAGCCGGAGCAGAAGTCCTGGTAG |
|  | TTACAAGCAAAGGGAGACAAGGAAACGGGCACAGCGAAATCCTGGTGAAGAGCAAAGCAGAAGAAATGAC |
|  | AGCAGAAGCCATGGCACAGACTTGTATAGAGGAGAAAAAATGTACAGAGAGCACCCAGGAGGTACACATA |
|  | CTAAAGTGACACAAAGAGAA |
|  | ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT |
|  | ACAAGGATGACGACGATAAGGTTTAA |
| Protein Sequence: | >RC208486 representing NM_004882 |
|  | Red=Cloning site Green=Tags(s) |
|  | MGKSFANFMCKKDFHPASKSNIKKVWMAEQKISYDKKKQEELMQQYLKEQESYDNRLLMGDERVKNGLNF |
|  | MYEAPPGAKKENKEKEETEGETEYKFEWQKGAPREKYAKDDMNIRDQPFGIQVRNVRCIKCHKWGHVNTD |
|  | RECPLFGLSGINASSVPTDGSGPSMHPSELIAEMRNSGFALKRNVLGRNLTANDPSQEYVASEGEEDPEV |
|  | EFLKSLTTKQKQKLLRKLDRLEKKKKKKDRKKKKFQKSRSKHKKHKSSSSSSSSSSSSSSTETSESSSES |
|  | ESNNKEKKIQRKKRKKNKCSGHNNSDSEEKDKSKKRKLHEELSSSHHNREKAKEKPRFLKHESSREDSKW |
|  | SHSDSDKKSRTHKHSPEKRGSERKEGSSRSHGREERSRRSRSRSPGSYKQRETRKRAQRNPGEEQSRRND |
|  | SRSHGTDLYRGEKMYREHPGGTHTKVTQRE |
|  | TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Chromatograms: | $\underline{\text { https://cdn.origene.com/chromatograms/mk8120 h05.zip }}$ |
| Restriction Sites: | Sgfl-Mlul |



| 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). <br> Regulates transcription and acts as corepressor for RBPJ. Recruits RBPJ to the Sin3-histone <br> deacetylase complex (HDAC). Required for RBPJ-mediated repression of transcription. <br> [UniProtKB/Swiss-Prot Function] |

## Product images:



