

Product datasheet for **RG201639**

CIRBP (NM_001280) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CIRBP (NM_001280) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: CIRBP
Synonyms: CIRP
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG201639 representing NM_001280
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCATCAGATGAAGGCCAACTTTTTGTTGGAGGGCTGAGTTTTGACACCAATGAGCAGTCGCTGGAGC
 AGGTCTTCTCAAAGTACGGACAGATCTCTGAAGTGGTGGTTGTGAAAGACAGGGAGACCCAGAGATCTCG
 GGGATTTGGTGTGACCTTTGAGAATTGACGACGCTAAGGATGCCATGATGGCCATGAATGGGAAG
 TCTGTAGATGGACGGCAGATCCGAGTAGACCAGGCAGGCAAGTCGTGAGACAACCGATCCCGTGGGTACC
 GTGGTGGCTCTGCCGGGGCCGGGGCTTCTCCGTGGGGGCCGAGGACGGGGCCGTGGGTTCTCTAGAGG
 AGGAGGGGACCGAGGCTATGGGGGAACCGGTTTCGAGTCCAGGAGTGGGGCTACGGAGGCTCCAGAGAC
 TACTATAGCAGCCGGAGTCAGAGTGGTGGCTACAGTGACCGGAGCTCGGGCGGGTCTACAGAGACAGTT
 ACGACAGTTACGCTACACACAACGAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG201639 representing NM_001280
 Red=Cloning site Green=Tags(s)

MASDEGKLFVGGLSFDTNEQSLEQVFSKYGQISEVVVVKDRETQRSRGFGVTFENIDDAKDAMMAMNGK
 SVDGRQIRVDQAGKSSDNRSRGYRGGGAGGRGFRGGGRGRGRGFRGGGDRGYGGNRFESRSGGYGGSRD
 YYSRSQSGGYSRSGGSYRDSYDSYATHNE

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



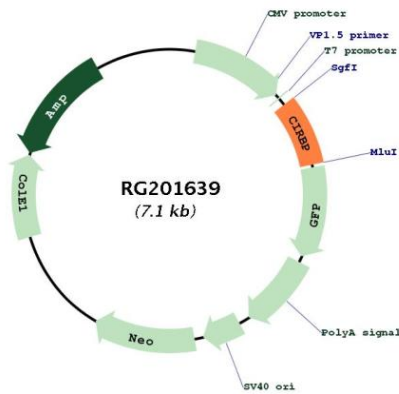
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Cytogenetics: 19p13.3

Domains: RRM, RRM_1

Gene Summary: Cold-inducible mRNA binding protein that plays a protective role in the genotoxic stress response by stabilizing transcripts of genes involved in cell survival. Acts as a translational activator. Seems to play an essential role in cold-induced suppression of cell proliferation. Binds specifically to the 3'-untranslated regions (3' UTRs) of stress-responsive transcripts RPA2 and TXN. Acts as a translational repressor (By similarity). Promotes assembly of stress granules (SGs), when overexpressed.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG201639