

Product datasheet for **RG201519**

NCBP2 (NM_007362) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: NCBP2 (NM_007362) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: NCBP2
Synonyms: CBC2; CBP20; NIP1; PIG55
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG201519 representing NM_007362
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCGGGTGGCCTCCTGAAGGCGCTGCGCAGCGACTCCTACGTGGAGCTGAGCCAGTACCGGGACCAGC
 ACTTCCGGGTGACAATGAAGAACAAGAAAATTACTGAAGAAAAGCTGTACGTTATATGTTGAAATCT
 TTCTTTTACACAACGAAGAACAATCTATGAACCTTCAGCAAAGTGGTGACATAAAGAAAATCATT
 ATGGGTCTGGATAAAATGAAGAAAACAGCATGTGGATTCTGTTTTGTGGAATATTACTCACGCGCAGATG
 CGGAAAACGCCATGCGGTACATAAATGGGACGCGTCTGGATGACCGAATCATTTCGCACAGACTGGGACGC
 AGGCTTTAAGGAGGGCAGGCAATACGGCCGTGGCGATCTGGGGCCAGTTTCGGGATGAGTATCGGCAG
 GACTACGATGCTGGGAGAGGAGGCTATGAAAACCTGGCACAGAACCAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG201519 representing NM_007362
 Red=Cloning site Green=Tags(s)

MSGLLKALRSDSYVELSQYRDQHFGRGDNEEQEKLLKKSCTLYVGNLSFYTTEEQIYELFSKSGDIKKII
 MGLDKMKKTACGFCFVEYYSRADAENAMRYINGTRLDDRIIRTWDWAGFKEGRQYGRGRSGGQVRDEYRQ
 DYDAGRGGYGKLAQNQ

SGPTRRRLE - GFP Tag - V

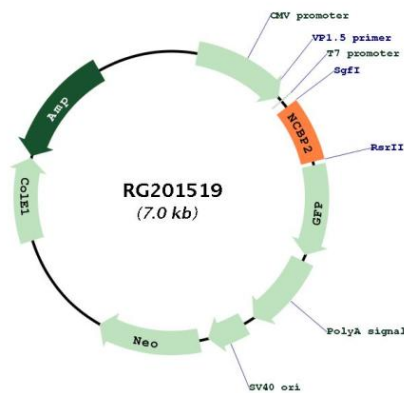
Restriction Sites: SgfI-RsrII



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Cytogenetics: 3q29
Domains: RRM
Protein Families: Druggable Genome
Protein Pathways: Spliceosome
Gene Summary: The product of this gene is a component of the nuclear cap-binding protein complex (CBC), which binds to the monomethylated 5' cap of nascent pre-mRNA in the nucleoplasm. The encoded protein has an RNP domain commonly found in RNA binding proteins, and contains the cap-binding activity. The CBC promotes pre-mRNA splicing, 3'-end processing, RNA nuclear export, and nonsense-mediated mRNA decay. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG201519