

Product datasheet for **RC204061**

NRBF2 (NM_030759) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: NRBF2 (NM_030759) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: NRBF2
Synonyms: COPR; COPR1; COPR2; NRBF-2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC204061 representing NM_030759
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGTAAATGGAAGGACCCCTCAACCTGGCTCATCAACAGAGCAGACGAGCAGACCGTTTATTAGCTG
CAGGCAAATACGAAGAGGCTATTTCTTGTACAAAAAGGCTGCAGCATATCTTTCTGAAGCCATGAAGCT
GACACAGTCAGAGCAGGCTCATCTTCACTGGAATTGCAAAGGGATAGCCATATGAAACAGCTCCTCCTC
ATCCAAGAGAGATGAAAAAGGCCAGCGTGAAGAAAGATTGAAAGCCAGCAGAACACAGACAAGGATG
CAGCTGCCATCTTCAGACATCTCAGAAACCTCTGCAGAGGATGCAGAGGGCCAGAGTCCCTTTCTCA
GAAGTACAGCCCTCCACAGAGAAATGCCTGCCTGAGATTGAGGGATCTTTGACAGGGATCCAGACACA
CTACTTTATTTACTTCAGCAAAAGAGTGAGCCAGCAGAGCCATGTATTGGAAGCAAAGCCCCAAAAGATG
ATAAAACAATTATAGAGGAGCAGGCAACCAAAATTGCAGATTTGAAGAGGCATGTGGAATTCCTTGTGGC
TGAGAAATGAAAGATTAAGGAAAGAAAAATAACAATAAAGGCTGAAAAGGCCAGACTTCTAAAAGGTCCA
ATAGAAAAGGAGCTGGATGTAGATGCTGATTTGTAGAAACGTCAGAGTTATGGAGCTTGCCACCACATG
CAGAACTGCTACAGCCTCCTCAACCTGGCAGAAGTTCGAGCAAACTACTGGGAAAGCCAAGGACATTCC
AATCCCAATCTTCTCCCTTGATTTTCCATCTCCAGAACTTCTCTTATGGAGCTCTCTGAGGATATT
CTGAAAGGATTTATGAATAAT

**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA**



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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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_030759.5](#)

RefSeq Size: 1866 bp

RefSeq ORF: 864 bp

Locus ID: 29982

UniProt ID: [Q96F24](#)

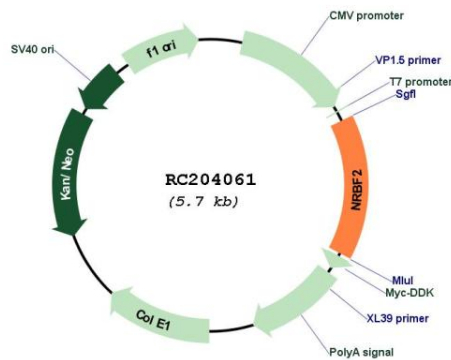
Cytogenetics: 10q21.3

Protein Families: Druggable Genome

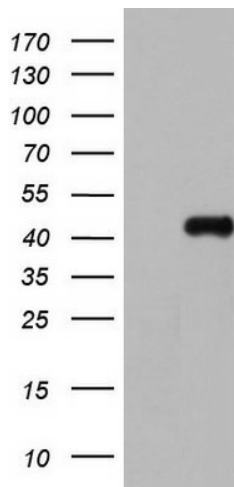
MW: 32.2 kDa

Gene Summary: May modulate transcriptional activation by target nuclear receptors. Can act as transcriptional activator (in vitro).[UniProtKB/Swiss-Prot Function]

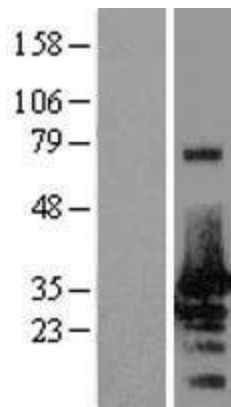
Product images:



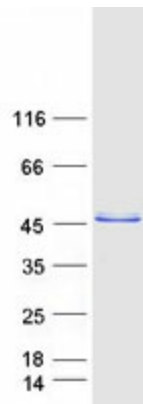
Circular map for RC204061



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY NRBF2 (Cat# RC204061, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NRBF2 (Cat# [TA803856]). Positive lysates [LY410731] (100ug) and [LC410731] (20ug) can be purchased separately from OriGene.



Western blot validation of overexpression lysate (Cat# [LY410731]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC204061 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified NRBF2 protein (Cat# [TP304061]). The protein was produced from HEK293T cells transfected with NRBF2 cDNA clone (Cat# RC204061) using MegaTran 2.0 (Cat# [TT210002]).