

Product datasheet for **RC215861**

NRBP2 (NM_178564) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NRBP2 (NM_178564) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	NRBP2
Synonyms:	pp9320; TRG16
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC215861 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGTGCGCTGGAGATGGCTGTACTGAAATCCAGACCAATGGGGACACCCGGGTACAGAGGAGGCCA
TTGCTCGCGCCAGGCACTCGCTGAGTGACCCCAACATGCGGGAGTTCATCCTTTGCTGCCTGGCCCGGA
CCCTGCCCGCCGGCCCTTGCCACAGCCTCCTTCCACCGGTGCTCTCGAGGTGCACTCGCTGAAG
CTCCTGGCAGCCCACTGCTTCATCCAGCACCAGTACCTCATGCCTGAGAATGTGGTGGAGGAGAAGACCA
AGGCCATGGACCTGCACGCGGTCTGGCGGAGTTCCTCCGCCCCGAGGCCCCCGCTGCAGTGGCGGTA
CTCGGAAGTCTCCTTCATGGAGCTGGACAAATTCCTGGAGGATGTCAGGAATGGAATCTACCCACTGATG
AACTTTGCAGCCACTCGACCCCTGGGGCTGCCCGTGTGCTGGCCCCACCCCGGAGGAGGTCCAAAAGG
CCAAGACCCCGACGCCAGAGCCCTTTGACTCTGAGACCAGAAAGGTCATCCAGATGCAGTGAACCTGGA
GAGAAGCGAGGACAAGGCGCGCTGGCATCTCACTCTGCTTCTGGTGTGGAAGACCGGCTGCACCGGCAG
CTGACCTACGACCTGCTCCCAACGGACAGCGCCAGGACCTCGCCTCGGAGCTCGTGCACTATGGCTTCC
TCCACGAGGACGACCGGATGAAGCTGGCCGCTTCTGGAGAGCACCTTCTCAAGTACCGTGGGACCCA
GGCC

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.

RefSeq: [NM_178564.2](#), [NP_848659.1](#)

RefSeq Size: 3723 bp

RefSeq ORF: 1506 bp

Locus ID: 340371

UniProt ID: [Q9NSY0](#)

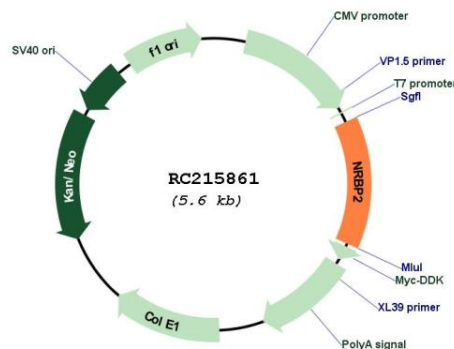
Cytogenetics: 8q24.3

Protein Families: Druggable Genome, Protein Kinase

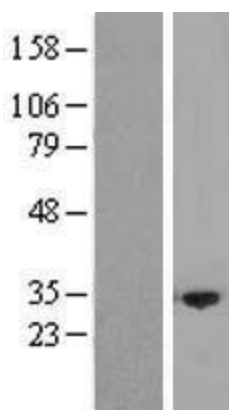
MW: 29.9 kDa

Gene Summary: May regulate apoptosis of neural progenitor cells during their differentiation. [UniProtKB/Swiss-Prot Function]

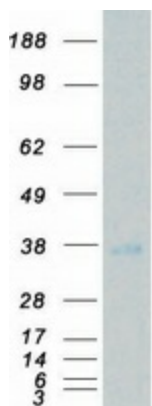
Product images:



Circular map for RC215861



Western blot validation of overexpression lysate (Cat# [LY405879]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC215861 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified NRBP2 protein (Cat# [TP315861]). The protein was produced from HEK293T cells transfected with NRBP2 cDNA clone (Cat# RC215861) using MegaTran 2.0 (Cat# [TT210002]).