

Product datasheet for **RC203521**

ZNRF1 (NM_032268) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNRF1 (NM_032268) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNRF1
Synonyms:	NIN283
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC203521 representing NM_032268 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGGCAAGCAGAGCACGGCGGCCCTCCGGGGCCCTCCGGGGGTCTCCACCGATGACAGCG
CCGTGCCCGCCGGGAGGGGCGCCCATTTGGGCACTACCGGACGGCGGGGGCCATGGGGCTGCG
CAGCCGCTCGGTAGCTCGGTGGCAGGCATGGGCATGGACCCAGCACGGCCGGGGGGTGCCTTTGGC
CTCTACACCCCGCTCCGGGGCACGGCGACTCCGAGAGGGCGCCGGCGGGAGGGTCTGCGTCCG
ACTCCACCTATGCCCATGGCAATGGTTACCAGGAGACGGCGGGCGGTACCATAGAGACGGGATGCTGTA
CCTGGGCTCCCGAGCCTCGTGGCGGATGCTCTACCTCTGCACATCGCACCCAGGTGGTTCAGCTCGCAT
AGTGGTTTCAAGTGCCCCATTTGCTCCAAGTCTGTGGTCTGTGACGAGATGAAAATGCACCTTTAATGT
GTTTGAGCAAACCTCGCCTCTCCTACAACGATGATGTGCTGACTAAAGACGGGGTGAAGTGTGATCTG
CCTGGAGGAGCTGCTGCAGGGGGACACGATAGCCAGGCTGCCCTGCCTGTGCATCTATCACAAAAGCTGC
ATAGACTCGTGGTTTGAAGTGAACAGATCTTGTCCGGAACACCCTGCGGAC

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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_032268.5](#)

RefSeq Size: 4633 bp

RefSeq ORF: 684 bp

Locus ID: 84937

UniProt ID: [Q8ND25](#)

Cytogenetics: 16q23.1

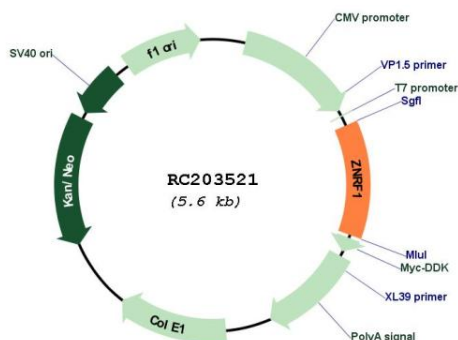
Domains: RING

Protein Families: Druggable Genome

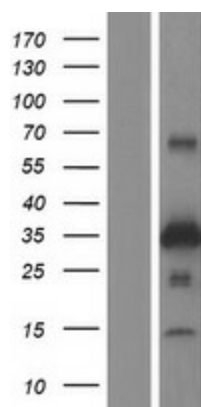
MW: 23.8 kDa

Gene Summary: This gene encodes an E3 ubiquitin-protein ligase that plays a role in neural-cell differentiation. Overexpression of this gene causes neurite-like elongation. The encoded protein contains both a zinc finger and a RING finger motif and is localized in the endosome/lysosome compartment, indicating that it may be involved in ubiquitin-mediated protein modification, and in synaptic vesicle membranes in neurons. [provided by RefSeq, Feb 2012]

Product images:



Circular map for RC203521



Western blot validation of overexpression lysate (Cat# [LY410254]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC203521 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).