

Product datasheet for **RC209447**

PRRG4 (NM_024081) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRRG4 (NM_024081) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PRRG4
Synonyms:	PRGP4; TMG4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC209447 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTTACGTTCTGGTTCTACTCAGCCAACTGCCACAGTTACCCTGGGGTTTCCTCATTGCGCAAGAG
GTCCAAAGGCTTCTAAGCATGCGGGAGAAGAAGTGTTCATCAAAGAAGAAGCAAACCTTTTTCATACA
TAGACGCCTTCTGTATAATAGATTTGATCTGGAGCTCTTCACTCCCGCAACCTAGAAAGAGAGTGAAT
GAAGAACCTTGAATTATGAGGAAGCCAGAGAGATTTTTGTGGATGAAGATAAAACGATTGCATTTTGGC
AGGAATATTCAGCTAAAGGACCAACCACAAAATCAGATGGCAACAGAGAGAAAATAGATGTTATGGCCT
TCTGACTGGATTAATTGCTGCTGGAGTATTTTTGGTTATTTTTGGATTACTTGGCTACTATCTTTGTATC
ACTAAGTGAATAGGCTACAACATCCATGCTCTCAGCCGCTATGAAAGGGGGAGGCACACTCCCTCCA
TCATTTTCAGAAGACCTGAGGAGGCTGCCTTGTCTCCATTGCCGCTTCTGTGGAGGATGCAGGATTACC
TTCTTATGAACAGGCAGTGGCGCTGACCAGAAAACACAGTGTTCACCACCACCACATATCCTGGGCAC
ACAAAAGGATTTAGGGTATTTAAAAATCTATGTCTCTCCCATCTCAC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

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_024081.6](#)

RefSeq Size: 5538 bp

RefSeq ORF: 681 bp

Locus ID: 79056

UniProt ID: [Q9BZD6](#)

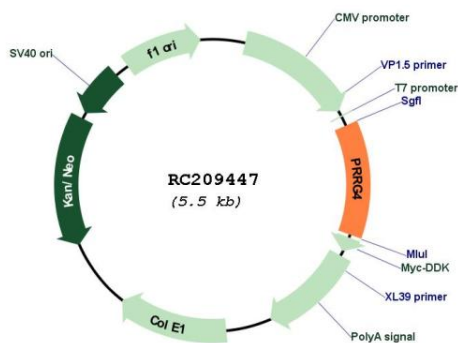
Cytogenetics: 11p13

Protein Families: Transmembrane

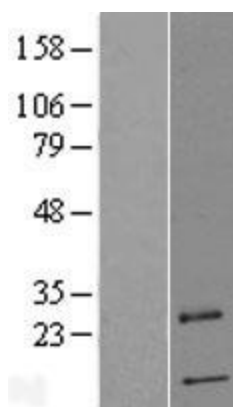
MW: 25.4 kDa

Gene Summary: May control axon guidance across the CNS (PubMed:28859078). Prevents the delivery of ROBO1 at the cell surface and downregulates its expression (PubMed:28859078). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC209447



Western blot validation of overexpression lysate (Cat# [LY411354]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC209447 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).