

## Product datasheet for **RC209265A1V**

### Human PRRG1 (NM\_000950) AAV Particle

#### Product data:

|                |                            |
|----------------|----------------------------|
| Product Type:  | AAV Particles              |
| Tag:           | Myc-DDK                    |
| Symbol:        | PRRG1                      |
| Synonyms:      | PRGPI                      |
| Mammalian Cell | None                       |
| Selection:     |                            |
| Vector:        | pAAV-AC-Myc-DDK (PS100089) |

**ORF Nucleotide Sequence:** >RC209265 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGGGAGGGTTTTCTCACGGGAGAAAAAGCCAATTCATATTAACGCTACCAAGAGCTAATGGGT  
TTTTGAAGAAATAAGACAGGGCAACATTGAGCGTGAGTGCAAAGAAGAATTCTGTACATTTGAAGAAGC  
AAGAGAAGCTTTTGAAAAATAAGAAAACTAAGGAGTTTTGGAGCACCTACACAAAAGCGCAACAAGGG  
GAGAGTAACCGAGGAAGTGACTGGTTTTAGTTTTACCTTACCTTTCCGTTAATCTTTGGCCTCTTCATTA  
TCCTCCTTGTCATTTTCTAATCTGGAGATGCTTCCTAAGAAACAAAACCTCGTAGACAGACAGTGACTGA  
AGGCCACATTCCTTTCCCTCAGCACCTTAATATTATCACCCACCCCCCACCAGATGAAGTGTGAC  
AGCAGTGGATTGTCTCCAGGCTTTCTGGGATATGTAGTTGGGCGCTCAGATTCCGTCTCTACTCGCCTGT  
CCAATTGTGATCCCCGCAACCTATGAGGAAGCCACTGGCCAAGTGAACCTGCAGAGGAGTGAACAGA  
ACCTCATTTAGACCCACCCAGAGTATGAGGACATAGTCAACTCCAACCTCAGCCAGTGCCATTCCTATG  
GTGCCTGTGGTCACCACCATCAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC209265 protein sequence  
Red=Cloning site Green=Tags(s)

MGRVFLTGEKANSILKRYPRANGFFEEIRQGNIERECKEEFCTFEEAREAFENNEKTKEFWSTYTKAQQG  
ESNRGSDWFQFYLTFLIFGLFIILLVIFLIWRCFLRNKTRRQTVTEGHIPFPQHLNIITPPPPDEVFD  
SSGLSPGFLGYVVGSRDSVSTRLSNCDPPPTYEEATGQVNLQRSETEPHLDPPEYEDIVNSNSASAI  
PMVPVVTIK

**TR**TRPLEQKLI**SEEDLAANDILDYKDDDDKV**



|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species:</b>      | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Serotype:</b>     | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ACCN:</b>         | NM_000950                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ORF Size:</b>     | 654 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Buffer:</b>       | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Stability:</b>    | AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus. |
| <b>RefSeq:</b>       | <a href="#">NM_000950.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq Size:</b>  | 4599 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>   | 657 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Locus ID:</b>     | 5638                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>UniProt ID:</b>   | <a href="#">O14668</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Cytogenetics:</b> | Xp21.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>MW:</b>           | 24.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |