

## Product datasheet for **RC229177A1V**

### Human PRMT6 (NM\_018137) AAV Particle

#### Product data:

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                               |
| Product Name:             | Human PRMT6 (NM_018137) AAV Particle                                        |
| Tag:                      | Myc-DDK                                                                     |
| Symbol:                   | PRMT6                                                                       |
| Synonyms:                 | HRMT1L6                                                                     |
| Mammalian Cell Selection: | None                                                                        |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                  |
| ORF Nucleotide Sequence:  | >RC229177 representing NM_018137<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGC**

ATGTCGCAGCCCAAGAAAAGAAAGCTTGAGTCGGGGGGCGGCGCAAGGAGGGGAGGGAAGTGAAGAGG  
AAGATGGCGCGGAGCGGGAGGCGGCCCTGGAGCGACCCCGGAGGACTAAGCGGGAACGGGACAGCTGTA  
CTACGAGTGCTACTCGGACGTTTCGGTCCACGAGGAGATGATCGCGGACCGCGTCCGCACCGATGCCTAC  
CGCCTGGGTATCCTTCGGAAGTGGGAGCACTGCGAGGCAAGACGGTACTGGACGTGGGCGGGGACCG  
GCATTCTGAGCATCTTCTGTGCCAGGCCGGGCGCGCGTGTACGCGGTAGAGGCCAGCGCCATCTG  
GCAACAGGCCCGGAGGTGGTGCAGTTCAACGGGCTGGAGGACCGGGTGCACGTCTGCCGGGACCACTG  
GAGACTGTAGAGTTGCCGAACAGGTGGATGCCATCGTGAGCGAGTGGATGGGCTACGGAATCCTGCACG  
AGTCCATGCTGAGCTCCGTCTCCACGCGCAACCAAGTGGCTGAAGGAGGGCGGTCTTCTCCTGCCGCG  
CTCCGCCGAGCTCTTCATAGCCCCATCAGCGACCAAGTGGTGAATGGCGCTGGGCTTCTGGAGCCAG  
GTGAAGCAGCACTATGGTGTGGACATGAGCTGCCTGGAGGGCTTCGCCACGCGTGTCTCATGGGCCACT  
CGGAGATCGTTGTGCAGGGATTGTCCGGCAGGACGTGCTGGCCCGGCCGAGCGCTTTGCTCAGCTAGA  
GCTCTCCCGCGCGGCTTGGAGCAGGAGCTGGAGGCCGAGTGGGCGGGCGCTTCCGCTGCAGCTGCTAT  
GGCTCGGCGCCCATGCATGGCTTGGCATCTGGTTCCAGGTGACCTTCCCTGGAGGGGAGTCGGAGAAAC  
CCCTGGTGTGTCCACCTCGCCTTTTACCCCGGCACTCACTGGAACAGGCGCTCCTCTACCTGAACGA  
GCCGGTGCAAGTGGAGCAAGACAGGAGCTTTCAGGAGAGATCACGCTGCTGCCCTCCCGGGACAACCC  
CGTCGCTGCGCGTGTGCTGCGCTACAAAGTGGGAGACCAGGAGGAGAAGACCAAGACTTTGCCATGG  
AGGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;RC229177 representing NM_018137<br/> <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MSQPKKRKLESGGGEGGEGTEEDGAEREAALERPRRTKRERDQLYYECYSDVSVHEEMIADRVRTDAY<br/> RLGILRNWAALRGKTVLDVGAGTGILSIFCAQAGARRVYAVEASAIWQQAREVVRFNGLED RVHVLPGPV<br/> ETVELPEQVDAIVSEWMGYLLHESMLSSVLHARTKWLKEGGLLLPASAE LFIAPISDQMLEWRLGFWSQ<br/> VKQHYGVDMSCLEGFATRCLMGHSEIVVQGLSGEDVLARPQRF AQLELSRAGLEQELEAGVGGRFCSCY<br/> GSAPMHGFAIWFQVTFPGGESEKPLVLSTSPFHPATHWKQALLYLNEPVQVEQD TDVSGEITLLPSRDNP<br/> RRLRVLLRYKVG DQEEKTKDFAMED</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span></p> |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ACCN:</b>             | NM_018137                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ORF Size:</b>         | 1125 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_018137.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>       | 1128 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Locus ID:</b>         | 55170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID:</b>       | <a href="#">Q96LA8</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Cytogenetics:</b>     | 1p13.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>MW:</b>               | 41.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |