

## Product datasheet for RC225803A1V

### Human PRAMEF17 (NM\_001099851) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Tag:** Myc-DDK  
**Symbol:** PRAMEF17  
**Mammalian Cell** None  
**Selection:**  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC225803 representing NM\_001099851  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGAGCCTCCAGTCCCCATCCAGACTCCTGGAGCTGGCAGGCCAGAGCCTGCTGAGGAACCAGTTCTTGA  
CCATCTTCATCCTGGACGAGCTGCCAGGAGGTCTTCCCTCTGATGTTTCATGGAGGCTCCAGCATGAG  
ACATTTTGAGGCCCTGAAGCTGATGGTGCAGGCCTGGCCCTTCTCCGCCTCCCTCTGGGATCCCTGATG  
AAGACACCTCATCTGGAGACCTTGCAAGCTGTGCTGAAGGGACTTGATACTGCTGGCCAGAAAGCTTC  
GCCCCAGGAGGTGGAACTTCAAGTCTGGATTGCGGGATGTTGATGGGAATTTCTGGACTATATGGTC  
TGGAGCCAGGGCCCTCTCTGCTCCCGAGAGGCCATGAGTAAGAGGCAGACAGTGGAGGACTATCCAAGG  
ACGGGAGAGCACCAGCCCTTGAAGGTGTTTCATAGACCTCTGCCAAAGGAAAGTACACTGGATGAATGCC  
TGAGCTACCTCTGCAGGTGGATCCACTACAGAAGAGTCTAGTGCACCTGTGTTGTAATAAGGTGCAGAA  
TTACTCAATGCCCACTTCAAGTTTCAGAAATTTATTGAAAAGGGTATACCCAGACAGTATCCAGGAGTTG  
GAAATTAAGAGAAAGTGTCTCTGAATAAAACAGGAAAGTTTGCCCTTACTTGAGCCAGATGAGCAATC  
TTCGAAACTCTTTTAGCCTTCGGTTATGACGATGAGTTATGTAAGCGCCAACAGCAGTTCGTTCC  
TGACTTGGACTGTCCATTCCTCTGCCTGTACTACCTCAGATGCTTTATATAAGAAAGATCAGTAATATC  
AAAGAGCACCTGGAGCACCTGCTCAGGTGCCTCAAGAACCCTTGGAACCTTTATATTCTGTCATGCTT  
ACCTAGCTGATCAGGACATGGAGTGTCTGTCTCAGTACCCAAGCCTCAGTCAGCTAAAGGAGCTGCATCT  
GATTCATATCCTAATGTGGACCAATCTTGAGCCCTTGAGGCTCTGCTAGAGAAAGTTGCTGCTACT  
CTCAGATCCTCAGTTAAAGGACTGTCAGATCCAGGACTCCAGCTCAGGTCCTCCTGCTGCCCTGA  
GCCGCTGCTCCAGCTCACCACCTTCTACTTTCGCGGAAATGAGACCTCCACGAATGCTCTGAAAGACCT  
GCTGTGTACACAGGTGGGCTGAGCAAGTTAGGTCTGGAGTTGATCCTGCCCTCTGGAGTGTCTTGAC  
AACAGGGGTGATGTCAATTGGGAGATCCTCGCCCAATTGCGGCTGAGCTGATGTGTACACTCAGGGAAG  
TCAGGCAGCCCAAGAGGATCTTTTGGTCCCATCCCCTGCCCTTCTGTGGCTCATGGCCATCTGAGAA  
AGTGGACTTCCATCTTTGCTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;RC225803 representing NM_001099851</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MSLQSPSRLLLELAGQSLRNQFLTIFILDELPREVFPLMFMEASSMRHFEALKLMVQAWPFLRLPLGSLM<br/> KTPHLETLQAVLKGLDTLLAQKLRPRRWKLQVLDLRDVGDFWTIWSGARALSCSPEAMSKRQTVEDYPR<br/> TGEHQPLKVFDLQCQESTLDECLSYLCRWIHYRRGLVHLCCNKVQNSMPTSSFRNLLKRVYPDSIQEL<br/> EIKRKCSLNKTGKFAPYLSQMSNLRKLFLAFGYDDELVYSGQQQFVPDLDCPFLCLYYPQMLYIRKISNI<br/> KEHLEHLLRCLKNPLGTFIFCHAYLADQDMECLSQYPSLSQLKELHLIHLMTTNLEPLGALLEKVAAT<br/> LEILTLKDCQIQDSQLRVLLPALSRCSQLTTFYFRGNETSTNALKDLLCHTGGLSKLGLELYPAPLECLD<br/> NRGHVNWEILAPIRAELMCTLREVRQPKRIFFGPIPCPCSGSWPSEKVDVHLC</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ACCN:</b>             | NM_001099851                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ORF Size:</b>         | 1422 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_001099851.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>RefSeq ORF:</b>       | 1425 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Locus ID:</b>         | 391004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>UniProt ID:</b>       | <a href="#">Q5VTA0</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Cytogenetics:</b>     | 1p36.21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>MW:</b>               | 54.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |