

## Product datasheet for **RC205443A1V**

### Human **FAM81A (NM\_152450) AAV Particle**

#### Product data:

Product Type: AAV Particles  
 Product Name: Human FAM81A (NM\_152450) AAV Particle  
 Tag: Myc-DDK  
 Symbol: FAM81A  
 Mammalian Cell Selection: None  
 Vector: pAAV-AC-Myc-DDK (PS100089)  
 ORF Nucleotide Sequence: >RC205443 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCATCTAAGGCGAGTGAGAACCATGCCCGACACAGCCAGTCCCTGACAATGGCACCATACTCATCTG  
 TAAGCCTCGTGGAGCAGCTGGAAGACAGGATCCTCTGCCATGAGAAAACCACCGCCCTCGTAGAGCA  
 CGCCTTCGGATTAAGATGACATTGTCAACAGTTTGCAGAAAATGCAAAACAAAGGGGAGGTGACCGC  
 TTGGCCAGGCTTTTCTTGAGGAGCATATCAGAAACATAACTGCCATAGTGAAGCAACTAATCGGGATA  
 TCGAGGTACTCCAGGAGCAGATTCGTGCTCGGGACAACATTAGCTATGGAACAAATCTGCCTTAAAGAC  
 CCTGGAGATGCGCCAGCTCTCCGTTTGGGAGATCTTCGAGGAAGAGTGGCAAGATGTGATGCCAGCATA  
 GCTAGACTTTCTGCAGAGCACAAAACGACCTATGAGGGCTCCAGCACTTGAACAAGAACAGCAGGCTG  
 CAAAACCTATCTTGAAACGAAAATCAAAGATGCAGAGGGACAGATTTCTCAGCTTTTGAACAGAGTGG  
 CTTGTCAATATCAGAGCAGAGCACAAAACCTGAAGATGTCTCACAGAGACAGTAACCACCGCTTCAGCTT  
 TTGGACACTAAATTTAAAGGTACAGTTGAGGAACCTCAGTAACCAGATATTATCTGCACGGAGTTGGTTG  
 AACAGGAACAAGAACGGATAGAAAAAGAGCTTTTACAGAAAATGATCAGCTTTCCTTGATTGTTAAGGA  
 AAACAGTGGAGCCAGTGAAAGGATATGGAGAAGAAGCTCAGCCAGATGTCAGCCAGGCTTGACAAAATA  
 GAAGAGGGTCAAAGAAGACTTTTGATGGTCAGAGAACAAGGCAAGAAGAGGAGAAGATGCACGGCGGAA  
 TCACCAAGCTGGAGTTACAGATGAACCAAGCAATCAAGGAAATGAAAGCAGAAGTTAATGCTGGGTTTAC  
 AGCCGTCTATGAAAGCATAGGATCCATCAGGCAAGTTCTCGAGGCCAAGATGAAGCTGGACAGGGACCAG  
 CTACAGAAGCAAATCCAGCTGATGCAGAAGCCAGAGACCCCATG

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	<p>&gt;RC205443 protein sequence  <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MHLRRVRTMPRHSQLTMAPYSSVSLVEQLEDRLCHEKTTAALVEHAFRIKDDIVNSLQKMQNKGGDR          LARLFLEEHIRNITAIVKQLNRDIEVLQEQIRARDNISYGTNSALKTLEMRQLSGLGDLRGRVARCDASI          ARLSAEHKTTYEGLQHLNKEQQAALILETKIKDAEGQISQLLNRVDLSISEQSTKLMKSHRDSNHQLQL          LDTKFKGTVEELSNQILSARSWLQQEQERIEKELLQKIDQLSLIVKENSASERDMEKKLSQMSARLDKI          EEGQKTFDGGQRTRQEEEMHGRITKLELQMNQNIKEMKAEVNAGFTAVYESIGSIRQVLEAKMKLDRDQ          LQKQIQLMQKPETPM</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLI</span><span style="color: green;">SEEDLAANDILDYKDDDDKV</span></p>
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_152450
<b>ORF Size:</b>	1095 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>	<u><a href="#">NM_152450.2</a></u> , <u><a href="#">NP_689663.1</a></u>
<b>RefSeq Size:</b>	3468 bp
<b>RefSeq ORF:</b>	1107 bp
<b>Locus ID:</b>	145773
<b>UniProt ID:</b>	<u><a href="#">Q8TBF8</a></u>
<b>Cytogenetics:</b>	15q22.2
<b>MW:</b>	42 kDa