

## Product datasheet for **RC213852A1V**

### Human Constitutive androstane receptor (NR1I3) (NM\_001077481) AAV Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | AAV Particles  |
| Product Name:             | Human Constitutive androstane receptor (NR1I3) (NM_001077481) AAV Particle |
| Tag:                      | Myc-DDK  |
| Symbol:                   | Constitutive androstane receptor   |
| Synonyms:                 | CAR; CAR1; MB67  |
| Mammalian Cell Selection: | None   |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)   |
| ORF Nucleotide Sequence:  | >RC213852 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s)          |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGCCAGTAGGGAAGATGAGCTGAGGAACTGTGTGGTATGTGGGGACCAAGCCACAGGCTACCACTTTA  
ATGCGCTGACTTGTGAGGGCTGCAAGGGTTTCTTCAGGAGAACAGTCAGCAAAGCATTGGTCCCACCTG  
CCCCTTGTGGAAGCTGTGAAGTCAGCAAGACTCAGAGGCGCCACTGCCAGCCTGCAGTTGCAGAAG  
TGCTTAGATGCTGGCATGAGGAAAGACATGATACTGTCGGCAGAAGCCCTGGCATTGCGGCGAGCAAAGC  
AGGCCAGCGGGGGCAGCAAACACCTGTGCAACTGAGTAAGGAGCAAGAAGAGCTGATCCGGACACT  
CCTGGGGGCCACACCCGCCACATGGGCACCATGTTTGAACAGTTTGTGCAGTTTAGGCCCTCCAGCTCAT  
CTGTTCATCCATCACCAGCCCTTGCCACCCTGGCCCTGTGCTGCCTCTGGTCACACACTTCGAGACA  
TCAACACTTTCATGGTACTGCAAGTCATCAAGTTTACTAAGGACCTGCCTGTCTCCGTTCCCTGCCAT  
TGAAGACCAGATCTCCCTTCTCAAGGGAGCAGCTGTGGAATCTGTCACATCGTACTCAATACCACTTTC  
TGTCTCAAACACAAAACCTTCTCTGCGGGCTCTTCGCTACACAATTGAAGATGGAGCCCGTGTCCCT  
ATCTTACAGCCGACCTGGAGTTACCCAGAGAGATGAGATTGATCAGTGCAAGAGGAGATGGCACTGAC  
TCTGCAAAGCTACATCAAGGGCCAGCAGCAAGGCCCGGATCGGTTTCTGTATGCCAAGTTGCTAGGC  
CTGCTGGCTGAGCTCCGAGCATTAAATGAGGCCTACGGTACCAAATCCAGCACATCCAGGCCTGTCTG  
CCATGATGCCGCTGCTCCAGGAGATCTGCAGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|                          |   |
|--------------------------|---|
| <b>Protein Sequence:</b> | >RC213852 protein sequence<br>Red=Cloning site Green=Tags(s)<br><br>MASREDELRNCVVCGDQATGYHFNAL TCEGCKGFFRRTVSKSIGPTCPFAGSCEVSKTQRRHCPACRLQK<br>CLDAGMRKDMILSAEALALRRAKQAQRRAQQTTPVQLSKEQEEL IRTLLGAHTRHMGTMFEQFVQFRPPAH<br>LFIHHQPLPTLAPVLPVTHFADINTFMVLQVIKFTKDLPVFRSLPIEDQISLLKGAAVEICHIVLNTTF<br>CLQTQNFLCGPLRYTIEDGARAPYL TDRPGVTQRDEIDQLQEEMAL TLQSYIKGQRRPRDRFLYAKLLG<br>LLAELRSINEAYGYQIQHIQGLSAMPLLQEICS<br><br>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV                    |
| <b>Species:</b>          | Human   |
| <b>Serotype:</b>         | AAV-2   |
| <b>ACCN:</b>             | NM_001077481  |
| <b>ORF Size:</b>         | 942 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_001077481.1</a>  |
| <b>RefSeq Size:</b>      | 1285 bp   |
| <b>RefSeq ORF:</b>       | 945 bp  |
| <b>Locus ID:</b>         | 9970  |
| <b>UniProt ID:</b>       | <a href="#">Q14994</a>  |
| <b>Cytogenetics:</b>     | 1q23.3  |
| <b>MW:</b>               | 35.6 kDa  |