

## Product datasheet for **RC228251A1V**

### Human Endothelin A Receptor (EDNRA) (NM\_001166055) AAV Particle

#### Product data:

|                           |                                                                                |
|---------------------------|--------------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                                  |
| Product Name:             | Human Endothelin A Receptor (EDNRA) (NM_001166055) AAV Particle                |
| Tag:                      | Myc-DDK                                                                        |
| Symbol:                   | Endothelin A Receptor                                                          |
| Synonyms:                 | ET-A; ETA; ETA-R; ETAR; ETRA; hET-AR; MFDA                                     |
| Mammalian Cell Selection: | None                                                                           |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                     |
| ORF Nucleotide Sequence:  | >RC228251 representing NM_001166055<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGAACCCCTTTCCTCAGGGCATCCTTTGGCTGGCACTGGTTGGATGTGTAATCAGTGATAATCCTG  
AGAGATACAGCACAATCTAAGCAATCATGTGGATGATTTACCACTTTTCGTGGCAGAGCTCAGCTT  
CCTGGTTACCACTCATCAACCCACTAATTTGGTCCTACCCAGCAATGGCTCAATGCACAATATTGCCCA  
CAGCAGACTAAAATTACTTCAGCTTTCAAATACATTAACTGTGATATCTTGTACTATTTTCATCGTGG  
GAATGGTGGGGAATGCAACTCTGCTCAGGATCATTTACCAGAACAAATGTATGAGGAATGGCCCCAACGC  
GCTGATAGCCAGTCTTGCCCTTGGAGACCTTATCTATGTGGTCATTGATCTCCCTATCAATGTATTTAAG  
TTCTACCAAGATGTAAAGGACTGGTGGCTCTTCGGTTCTATTTCTGTATGCCCTTGGTGTGCACTGCGA  
TCTTCTACACCCTCATGACTTGTGAGATGTTGAACAGAAGGAATGGCAGCTTGAGAATTGCCCTCAGTGA  
ACATCTTAAGCAGCGTCGAGAAGTGGCAAAAACAGTTTCTGCTTGGTTGTAATTTTGTCTTTGCTGG  
TTCCCTCTTCATTTAAGCCGTATATTGAAGAAAACGTGTATAACGAGATGGACAAGAACCGATGTGAAT  
TACTTAGTTTCTTACTGCTCATGGATTACATCGGTATTAACCTGGCAACCATGAATTCATGTATAAACCC  
CATAGCTCTGTATTTGTGAGCAAGAAATTTAAAAATGTTTCCAGTCATGCCTCTGCTGCTGCTGTTAC  
CAGTCCAAAAGTCTGATGACCTCGGTCCCATGAACGGAACAAGCATCCAGTGAAGAACCACGATCAAA  
ACAACCACAACACAGACCGGAGCAGCCATAAGGACAGCATGAAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;RC228251 representing NM_001166055</p> <p>Red=Cloning site Green=Tags(s)</p> <p>METLCLRASFWLALVGCVISDNPERYSTNLSNHVDDFTTFRGTELSFLVTTHQPTNLVLPSNGSMHNYCP<br/>           QQTKITSAFKYINTVISCTIFIVGMVGNATLLRIYQNKCMRNGPNALIASLALGDLIYVVIDLPINVFK<br/>           FYQDVKDWWLFGFYFCMPLVCTAIFYTLMTCEMLNRRNGSLRIALSEHLKQRREVAKTVFCLVVIFALCW<br/>           FPLHLSRILKKTYYNEMDKNRCELLSFLLLMDYIGINLATMNSCINPIALYFVSKKFKNCFQSCLCCCCY<br/>           QSKSLMTSVPMNGTSIQWKNHDQNNHNTDRSSHKDSMN</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ACCN:</b>             | NM_001166055                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ORF Size:</b>         | 954 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>NM_001166055.1, NP_001159527.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq ORF:</b>       | 957 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Locus ID:</b>         | 1909                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>UniProt ID:</b>       | <u>P25101</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Cytogenetics:</b>     | 4q31.22-q31.23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>MW:</b>               | 36.49 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |