

## Product datasheet for **RC206444A1V**

### Human EDG4 (LPAR2) (NM\_004720) AAV Particle

#### Product data:

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                     |
| Product Name:             | Human EDG4 (LPAR2) (NM_004720) AAV Particle                       |
| Tag:                      | Myc-DDK                                                           |
| Symbol:                   | EDG4                                                              |
| Synonyms:                 | EDG-4; EDG4; LPA-2; LPA2                                          |
| Mammalian Cell Selection: | None                                                              |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                        |
| ORF Nucleotide Sequence:  | >RC206444 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGTCATCATGGGCCAGTGCTACTACAACGAGACCATCGGCTTCTTCTATAACAACAGTGGCAAAGAGC  
TCAGCTCCCACTGGCGGCCAAGGATGTGGTCGTGGTGGCACTGGGGCTGACCGTCAGCGTGCTGGTGCT  
GCTGACCAATCTGCTGGTCATAGCAGCCATCGCCTCCAACCGCCGCTTCCACAGCCCATCTACTACCTG  
CTCGGCAATCTGGCCGCGGCTGACCTCTTCGCGGGCGTGGCCTACCTCTTCTCATGTTCCACACTGGTC  
CCCGCACAGCCCGACTTTCACCTTGAGGGCTGGTTCTGCGGCAGGGCTTGCTGGACACAAGCCTCACTGC  
GTCGGTGGCCACACTGCTGGCCATCGCCGTGGAGCGGCACCGCAGTGTGATGGCCGTGCAGCTGCACAGC  
CGCCTGCCCCGTGGCCGCGTGGTCATGCTCATTGTGGCGTGTGGGTGGCTGCCCTGGGCTGGGGCTGC  
TGCCTGCCCACTCCTGGCACTGCCTCTGTGCCCTGGACCGCTGCTCACGCATGGCACCCCTGCTCAGCCG  
CTCCTATTTGGCCGTCTGGGCTCTGTGAGCCTGCTTGTCTTCTGCTCATGGTGGCTGTGTACACCCGC  
ATTTTCTTCTACGTGCGCGCGGAGTGCAGCGCATGGCAGAGCATGTGAGTGGCACCCCGCTACCGAG  
AGACCACGCTCAGCCTGGTCAAGACTGTTGTATCATCTCTGGGGCGTTCTGGTCTGCTGGACACCAGG  
CCAGGTGGTACTGCTCCTGGATGGTTTAGGCTGTGAGTCTGCAATGTCTGGCTGTAGAAAAGTACTTC  
CTACTGTTGGCCGAGGCCAACTCACTGGTCAATGCTGCTGTGACTCTTGCCGAGATGCTGAGATGCGCC  
GCACCTTCGCGCCCTTCTCTGCTGCGCGTGCCTCCGCCAGTCCACCGCGAGTCTGTCCACTATACATC  
CTTGCCCGAGGAGGTGCCAGCACTCGCATCATGCTTCCCGAGAACGGCCACCCACTGATGGACTCCACC  
CTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;RC206444 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MVIMGQCYYNETIGFFYNNSGKELSSHWRPKDVVVVALGLTVSVLVLLTNLLVIAAIASNRRFHQPIYYL<br/> LGNLAAADLFAGVAYLFLMFHTGPRTARLSLEGWFLRQGLDTSLTASVATLLAIAVERHRSVMVAVQLHS<br/> RLPRGRVYMLIVGVVVAALGLGLLPAHSWHCLCALDRCSRMAPLLSRSYLAVWALSSLLVFLLMVAVYTR<br/> IFFYVRRRVQRMAEHVSCHPRYRETTLSLVKTVVILGAFVVCWTPGQVVLLDGLGCESC NVLAVEKYF<br/> LLLAEANSLVNAAVYSCRDAEMRRTFRRLCCACLRQSTRESVHYTSSAQGGASTRIMLPENGHPLMDST<br/> L</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ACCN:</b>             | NM_004720                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ORF Size:</b>         | 1053 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_004720.4</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>RefSeq Size:</b>      | 1803 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>RefSeq ORF:</b>       | 1056 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Locus ID:</b>         | 9170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>UniProt ID:</b>       | <u><a href="#">Q9HBW0</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Cytogenetics:</b>     | 19p13.11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>MW:</b>               | 39.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |