

## Product datasheet for **RC227317A1V**

### Human FGF1 (NM\_001144892) AAV Particle

#### Product data:

|                |                                                                                     |
|----------------|-------------------------------------------------------------------------------------|
| Product Type:  | AAV Particles                                                                       |
| Tag:           | Myc-DDK                                                                             |
| Symbol:        | FGF1                                                                                |
| Synonyms:      | AFGF; ECGF; ECGF-beta; ECGFA; ECGFB; FGF-1; FGF-alpha; FGFA; GLIO703; HBGF-1; HBGF1 |
| Mammalian Cell | None                                                                                |
| Selection:     |                                                                                     |
| Vector:        | pAAV-AC-Myc-DDK (PS100089)                                                          |

**ORF Nucleotide Sequence:** >RC227317 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGCTGAAGGGGAAATCACCACCTTCACAGCCCTGACCGAGAAGTTTAACTGCCTCCAGGGAATTACA  
AGAAGCCCAAACCTCTACTGTAGCAACGGGGCCACTTCCTGAGGATCCTCCGGATGGCAGTGGA  
TGGGACAAGGGACAGGAGCGACCAGCACATTTCAGCTGCAGCTCAGTGCAGAAAGCGTGGGGAGGTGTAT  
ATAAAGAGTACCGAGACTGGCCAGTACTTGGCCATGGACACCGACGGGCTTTTATACGGCTCACAGACAC  
CAATGAGGAATGTTTGTCTGGAAAGGCTGGAGGAGAACCATTACAACACCTATATCCAAGAAGCA  
TGCAGAGAAGAATTGGTTTGTGGCCTCAAGAAGAATGGGAGCTGCAAAACGCGGTCTCGGACTCACTAT  
GGCCAGAAAGCAATCTTGTCTCCCTGCCAGTCTCTTCTGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC227317 protein sequence  
Red=Cloning site Green=Tags(s)

MAEGEITTFALTTEKFNLPNGYKKPKLLYCSNGGHFLRILPDGTVDGTRDRSDQHIQLQLSAESVGEVY  
IKSTETGQYLAMTDGLLYGSQTPNEECLFLERLEENHYNTYISKHAENWFVGLKKNKSGCKRGPRTHY  
GQKAILFLPLPVSSD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

|           |       |
|-----------|-------|
| Species:  | Human |
| Serotype: | AAV-2 |



|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ACCN:</b>         | NM_001144892                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ORF Size:</b>     | 465 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_001144892.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>RefSeq Size:</b>  | 3682 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>   | 468 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Locus ID:</b>     | 2246                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>UniProt ID:</b>   | <u><a href="#">P05230</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cytogenetics:</b> | 5q31.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>MW:</b>           | 17.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |