

## Product datasheet for **RC217280A1V**

### Human FGFR2 (NM\_022970) AAV Particle

#### Product data:

|                           |                                                                         |
|---------------------------|-------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                           |
| Product Name:             | Human FGFR2 (NM_022970) AAV Particle                                    |
| Tag:                      | Myc-DDK                                                                 |
| Symbol:                   | FGFR2                                                                   |
| Synonyms:                 | BBDS; BEK; BFR-1; CD332; CEK3; CFD1; ECT1; JWS; K-SAM; KGFR; TK14; TK25 |
| Mammalian Cell Selection: | None                                                                    |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                              |



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**ORF Nucleotide  
Sequence:**

>RC217280 representing NM\_022970  
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC  
 GCC

ATGGTCAGCTGGGGTCGTTTCATCTGCCTGGTCGTGGTCACCATGGCAACCTTGTCCCTGGCCCCGCCCT  
 CCTTCAGTTTAGTTGAGGATACACATTAGAGCCAGAAGAGCCACCAACCAAATACCAAATCTCTCAACC  
 AGAAGGTACGTGGCTGCGCCAGGGGAGTCGCTAGAGGTGCGCTGCCTGTTGAAAGATGCCGCCGTGATC  
 AGTTGGACTAAGGATGGGGTGCACTTGGGGCCCAACAATAGGACAGTGCTTATTGGGGAGTACTGACAGA  
 TAAAGGGCGCCACGCCTAGAGACTCCGGCCTCTATGCTTGTACTGCCAGTAGGACTGTAGACAGTGAAAC  
 TTGGTACTTCATGGTGAATGTCACAGATGCCATCTCATCCGGAGATGATGAGGATGACACCGATGGTGCG  
 GAAGATTTTGTAGTGAGAACAGTAACAACAAGAGAGCACCATACTGGACCAACACAGAAAAGATGGAAA  
 AGCGGCTCCATGCTGTGCTGCGGCCAACACTGTCAAGTTTCGCTGCCAGCCGGGGGGAACCAATGCC  
 AACCATGCGGTGGCTGAAAAACGGGAAGGAGTTTAAGCAGGAGCATCGCATTGGAGGCTACAAGGTACGA  
 AACCAGCACTGGAGCCTCATTATGGAAGGTGTGGTCCCATCTGACAAGGGAAATTATACCTGTGTGGTGG  
 AGAATGAATACGGGTCCATCAATCACACGTACCACCTGGATGTTGTGGAGCGATCGCCTACCGGCCCAT  
 CCTCCAAGCCGACTGCCGGCAAATGCCTCCACAGTGGTCGGAGGAGACGTAGAGTTTGTCTGCAAGGTT  
 TACAGTGATGCCAGCCCCACATCCAGTGGATCAAGCAGTGGAAAAGAACGGCAGTAAATACGGGCCCG  
 ACGGGCTGCCCTACCTCAAGGTTCTCAAGCACTCGGGGATAAATAGTTCCAATGCAGAAGTGCTGGCTCT  
 GTTCAATGTGACCGAGGCGGATGCTGGGAATATATATGTAAGGTCTCCAATTATATAGGGCAGGCCAAC  
 CAGTCTGCCTGGCTACTGTCTGCCAAAACAGCAAGCGCCTGGAAGAGAAAAGGAGATTACAGCTTCCC  
 CAGACTACCTGGAGATAGCCATTTACTGCATAGGGGTCTTCTTAATCGCTGTATGGTGGTAACAGTCAT  
 CCTGTGCCGAATGAAGAACACGACCAAGAAGCCAGACTTCAGCAGCCAGCCGGCTGTGCACAAGCTGACC  
 AAACGTATCCCCCTGCGGAGACAGGTAACAGTTTCGGCTGAGTCCAGCTCCTCCATGAATCCAACACCC  
 CGCTGGTGAGGATAACAACACGCCTCTCTTCAACGGCAGACACCCCCATGCTGGCAGGGGTCTCCGAGTA  
 TGAAGTCCAGAGGACCAAAATGGGAGTTTCCAAGAGATAAGCTGACACTGGGCAAGCCCTGGGAGAA  
 GGTTGCTTTGGCAAGTGGTCATGGCGGAAGCAGTGGGAATTGACAAAGACAAGCCCAAGGAGCGGTCA  
 CCGTGGCCGTGAAGATGTTGAAAGATGATGCCACAGAGAAAGACCTTTCTGATCTGGTGTGACAGATGGA  
 GATGATGAAGATGATTGGGAAACACAAGAATATCATAAATCTTCTTGAGCCTGCACACAGGATGGGCCT  
 CTCTATGTCATAGTTGAGTATGCCTCTAAAGGCAACCTCCGAGAATACCTCCGAGCCCGGAGGCCACCCG  
 GGATGGAGTACTCCTATGACATTAACCGTGTTCTCTGAGGAGCAGATGACCTTCAAGGACTTGGTGTGATG  
 CACCTACCAGCTGGCCAGAGGCATGGAGTACTTGGCTTCCCAAAAATGTATTATCGAGATTTAGCAGCC  
 AGAAATGTTTTGGTAACAGAAAACAATGTGATGAAAATAGCAGACTTTGGACTCGCCAGAGATATCAACA  
 ATATAGACTATTACAAAAGACCACCAATGGGCGGCTTCCAGTCAAGTGGATGGCTCCAGAAGCCCTGTT  
 TGATAGAGTATACACTCATCAGAGTGTGTCTGGTCTTCGGGGTGTAAATGTGGGAGATCTTCACTTTA  
 GGGGGCTCGCCCTACCCAGGGATTCCCGTGGAGGAACTTTTAAGCTGCTGAAGGAAGGACACAGAATGG  
 ATAAGCCAGCCAACTGCACCAACGAAGTGTACATGATGATGAGGGAAGTGTGGCATGCAGTGCCCTCCA  
 GAGACCAACGTTCAAGCAGTTGGTAGAAGACTTGGATCGAATTCTCACTCTCACAAACCAATGAGGAATAC  
 TTGGACCTCAGCCAACTCTCGAACAGTATTCACCTAGTTACCTGACACAAGAAGTCTTGTCTTTCAG  
 GAGATGATTCTGTTTTTCTCCAGACCCCATGCCTTACGAACCATGCCTTCTCAGTATCCACACATAAA  
 CGGCAGTGTTAAACA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

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|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC217280 representing NM_022970</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MVSWGRFICLVVVTMATLSLARPSFSLVEDTTLEPEEPPTKYQISQPEVYVAAPGESLEVRCLLKDAAVI<br/> SWTKDGVHLGPNNRTLIGEYLQIKGATPRDSGLYACTASRTVDSETWYFMVNVTDAISSGDDDDTDGA<br/> EDFVSENSNNKRAPYWTNTEKMEKRLHAVPAANTVKFRCPAGGNPMPMTMRWLKNGKEFKQEHRIGGYKVR<br/> NQHWSLIMESVVPSPDKGNYTCVENEYGSINHTYHLDVVERSHPHPILQAGLPANASTVVGDDVEFVCKV<br/> YSDAQPHIQWIKHVEKNGSKYGPDLPLYLKV LKHSGINSNAEVLALFNVTEADAGEYICKVSNYIGQAN<br/> QSAWLTVLPKQQAPGREKEITASPDYLEIAIYCIGVFLIACMVVTVILCRMKNNTTKKPDFSSQPAVHKL T<br/> KRIPLRRQVTVSAESSSSMNSNTPLVRITTRLSTADTPMLAGVSEYELPEDPKWEFPRDKLTLGKPLGE<br/> GCFGQVMAEAVGIDKDKPKEAVTVAVKMLKDDATEKDLSDLVSEMEMMKMIGKHKNIIINLLGACTQDGP<br/> LYVIVEYASKGNLREYL RARRPPGMEYSYDINRVPEEQMTFKDLVSCTYQLARGMEYLASQKCIHRDLAA<br/> RNVLV TENVMKIADFG LARDINNIDYKTTNGRLPVKWMPEALFDRVYTHQSDVWSFGVLMWEIFTL<br/> GGSPYPGIPVEELFKLLKEGHRMDKPANCTNELYMMMRDCWHAVPSQRPTFKQLVEDLDRILTLTTNEEY<br/> LDLSQPLEQYSPSPDTRSSCSSGDDSVFSPDPMPYEPCLPQYPHINGSVKT</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| ACCN:             | NM_022970                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| ORF Size:         | 2466 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Buffer:           | PBS with 0.001% Pluronic F7665                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Stability:        | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| RefSeq:           | <a href="#">NM_022970.2</a> , <a href="#">NP_075259.4</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| RefSeq Size:      | 4647 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| RefSeq ORF:       | 2469 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Locus ID:         | 2263                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| UniProt ID:       | <a href="#">P21802</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Cytogenetics:     | 10q26.13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| MW:               | 89.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |