

## Product datasheet for **RC217335A1V**

### Human EGFR (NM\_201284) AAV Particle

#### Product data:

<b>Product Type:</b>	AAV Particles
<b>Tag:</b>	Myc-DDK
<b>Symbol:</b>	EGFR
<b>Synonyms:</b>	ERBB; ERBBI; ERRP; HER1; mENA; NISBD2; PIG61
<b>Mammalian Cell</b>	None
<b>Selection:</b>	
<b>Vector:</b>	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC217335 representing NM\_201284  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGCGACCCCTCGGGACGGCCGGGGCAGCGCTCCTGGCGCTGCTGGCTGCGCTCTGCCCGGCGAGTCGGG  
CTCTGGAGGAAAAGAAAGTTTGCCAAGGCACGAGTAACAAGCTCACGCAGTTGGGCACCTTTGAAGATCA  
TTTTCTCAGCCTCCAGAGGATGTTCAATAACTGTGAGGTGGTCCTTGGGAATTTGAAATACCTATGTG  
CAGAGGAATTATGATCTTTCCTTCTTAAAGACCATCCAGGAGGTGGCTGGTTATGTCCTCATTGCCCTCA  
ACACAGTGGAGCGAATTCCTTTGGAAAACCTGCAGATCATCAGAGGAAATATGTAACGAAAATTCCTA  
TGCCCTTAGCAGTCTTATCTAACTATGATGCAAAATAAAACCGGACTGAAGGAGCTGCCATGAGAAATTTA  
CAGGAAATCCTGCATGGCGCCGTGCGGTTCAAGCAACAACCTGCCCTGTGCAACGTGGAGAGCATCCAGT  
GGCGGGACATAGTCAGCAGTGACTTCTCAGCAACATGTCGATGGACTCCAGAACCACCTGGGCAGCTG  
CCAAAAGTGTGATCCAAGCTGTCCCAATGGGAGCTGCTGGGTGCAGGAGAGGAGAACTGCCAGAACTG  
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ACCAGTGTGCTGCAGGCTGCACAGGCCCGGGAGAGCGACTGCCTGGTCTGCCGCAAAATCCGAGACGA  
AGCCACGTGCAAGGACACTGCCCCCACTCATGCTCTACAACCCACCACGTACCAGATGGATGTGAAC  
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ACGGCTCGTGCCTCCGAGCCTGTGGGGCCGACAGCTATGAGATGGAGGAAGACGGCGTCCGCAAGTGTA  
GAAGTGCAGGAGGCTTCCCGCAAAGTGTGAACGGAATAGGTATTGGTGAATTTAAAGACTCACTCTCC  
ATAAATGCTACGAATATAAACAATCAAAAACCTGCACCTCCATCAGTGGCGATCTCCACATCTGCCGG  
TGCCATTTAGGGGTGACTCCTTCACACATACTCCTCCTGATCCACAGGAACTGGATATTCTGAAAAC  
CGTAAAGGAAATCACAGGGTTTTGCTGATTCAGGCTTGGCCTGAAAACAGGACGGACCTCCATGCCTTT  
GAGAACCTAGAAATCATACGCGGCAGGACCAAGCAACATGGTCAGTTTTCTTGCAGTCTGCAGCCTGA  
ACATAACATCCTTGGGATTACGCTCCCTCAAGGAGATAAGTGATGGAGATGTGATAATTTACAGGAAACAA  
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ATAAGCAACAGAGGTGAAAACAGCTGCAAGGCCACAGGCCAGGTCTGCCATGCCTTGTGCTCCCCCGAGG  
GCTGCTGGGGCCCGAGGCCAGGGACTGCGTCTCTTGGCGAATGTGAGCCGAGGCAGGGAATGCGTGGA  
CAAGTGCACCTTCTGGAGGTGAGCCAAGGGAGTTTGTGGAGAACTCTGAGTGCATACAGTGCCACCCA  
GAGTGCCTGCCTCAGGCCATGAACATCACCTGCACAGGACGGGACCAGACAACCTGTATCCAGTGTGCC  
ACTACATTGACGGCCCCCACTGCGTCAAGACCTGCCCGGCAGGAGTCATGGGAGAAAACAACACCTTGGT  
CTGGAAGTACGCAGACCGGCCATGTGTGCCACTGTGCCATCCAACTGCACCTACGGGCCAGGAAAT  
GAGAGTCTCAAAGCCATGTTATTCTGCCTTTTAACTATCATCTGTAATCAAAGTAATGATGGCAGCG  
TGTCCACAGAGCGGGAGCCAGCTGCTCAGGAGTCATGCTTAGGATGGATCCCTTCTCTCTGCCGTC  
AGAGTTTCAGCTGGGTTGGGTGGATGCAGCCACCTCCATGCCTGGCCTTCTGCATCTGTGATCATCACG  
GCCTCCTCCTGCCAC

ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

<b>Protein Sequence:</b>	>RC217335 representing NM_201284 Red=Cloning site Green=Tags(s)  MRPSGTAGAALLALLAALCPASRALEEKKVCQGTSNKLTQLGTFEDHFLSLQRMFNCEVVLGNLEITYV QRNYDLSFLKTIQEVAGYVLIALNTVERIPLNLQIIRGNMYEENSALAVLSNYDANKTGLKELPMRNL QEILHGAVRFSNNPALCNVESIQWRDIVSSDFLSNMSMDFQNLHGSCQKCDPSCPNGSCWGAGEENCQKL TKIICAQQCSGRCRGKSPSDCCHNQCAAGCTGPRESCLVCRKFRDEATCKDTCPLMLYNPTTYQMDVN PEGKYSFGATCVKKCPNRYVVDHGSVCVRACGADSYEMEEDGVRKCKKCEGPCRKVCNGIGIGEFKDSLS INATNIKHFKNCTISIGDLHILPVAFRGDSFTHTPPLDPQELDILKTVKEITGFLLIQAWPENRTDLHAF ENLEIIRGRTKQHGFSLAVVSLNITSLGLRSLKEISDGDV IISGNKNLCYANTINWKKLFGTSGQKTKI ISNRGENSCKATGQVCHALCSPEGCWGPEPRDCVSCRNVSRGRECVDKCNLLEGEPRFVENSECIQCHP ECLPQAMNITCTGRGPDNCIQCAHYIDGPHCVKTCPAGVMGENNTLVWKYADAGHVCHLCHPNCTYGPNG ESLKAMLFCLFKLSSCNQSNQSGSVSHQSGSPAAQESCLGWIPSLLPSEFQLGWGGCShLHAWPSASVIT ASSCH  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_201284
<b>ORF Size:</b>	2115 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F7670
<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_201284.1</a> , <a href="#">NP_958441.1</a>
<b>RefSeq Size:</b>	2865 bp
<b>RefSeq ORF:</b>	2118 bp
<b>Locus ID:</b>	1956
<b>UniProt ID:</b>	<a href="#">P00533</a>
<b>Cytogenetics:</b>	7p11.2
<b>MW:</b>	75 kDa