

## Product datasheet for **RC207953A1V**

### Human Radixin (RDX) (NM\_002906) AAV Particle

#### Product data:

|                           |                                              |
|---------------------------|----------------------------------------------|
| Product Type:             | AAV Particles                                |
| Product Name:             | Human Radixin (RDX) (NM_002906) AAV Particle |
| Tag:                      | Myc-DDK                                      |
| Symbol:                   | RDX                                          |
| Synonyms:                 | DFNB24                                       |
| Mammalian Cell Selection: | None                                         |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                   |



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## ORF Nucleotide Sequence:

>RC207953 representing NM\_002906  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGCCGAAACCAATCAACGTAAGAGTAACATAATGGATGCTGAGCTGGAATTTGCCATTAGCCCAATA  
 CAACTGGCAAAACACTTTTTGACCAGGTGGTGAAAACAGTTGGTTTTCGTGAGGTCTGGTTTTTGGGCT  
 GCAGTATGTAGACAGCAAAGTTATTCTACATGGCTTAACTAAATAAAAAGGTAACACAGCAGGATGTT  
 AAAAAAGAGAATCCTTTACAGTTCAAGTTAGAGCTAAATTTCTTCTGAAGATGTTTCTGAGGAATTA  
 TTCAAGAAATAACCCAGAGACTTTCTTCTGCAAGTTAAAGAAGCCATCTTAAATGATGAGATATATTG  
 CCCGCCAGAACTGCAGTTCTTTGGCTTCTATGCTGTCCAAGCCAAGTATGGAGATTACAATAAGAG  
 ATTCATAAGCCAGGCTACCTGGCTAATGATAGACTCTACCCAGCGTGTATTGGAACAACACAACTAA  
 CAAAAGAACAGTGGGAAGAAAGAATACAGAACTGGCATGAAGAACATAGAGGAATGTTAAGGGAGGATTC  
 TATGATGGAATACCTGAAGATTGCACAAGATCTAGAAATGTATGGAGTCAACTATTTTGAATAAAAAAT  
 AAAAAAGGAAGTGAATTTGGCTAGGTGTTGATGCTTTGGGTCTGAATATTTATGAGCATTGACGACAAGT  
 TAACACCTAAATTTGGTTTTCCCTGGAGTGAAATCAGAAATATTTTATTTAATGACAAAAATTTGTTAT  
 AAAGCCAATCGACAAAAGGCACCTGATTTTGTGTTTTATGCACCTCGTCTGAGAATCAATAAGAGGATT  
 TTGGCCTTATGTATGGGAAACCATGAACATACATGCGAAGAAGGAAGCCTGATACTATTGAAGTACAAC  
 AGATGAAGGCTCAGGCTAGGGAGGAGAAACATCAGAAGCAGTTGGAAAGGGCACAAATTAGAGAATGAAAA  
 GGAGAAAAGAGAAATAGCAGAAAAGGAAAGGAAAGAATAGAAGCTGAAAAGGAAGAGCTAATGGAACGT  
 CTAACCAAAATGAAGAGCAGACAATTAAGCTCAGAAAGAACTAGAAGAACAGACTCGAAAAGCTCTAG  
 AACTGGATCAAGAACGAAAACGAGCAAAAGAAGCAGAACGACTTGAAAAGGAGCGTCGAGCTGCTGA  
 AGAGGCAAAAGTCTGCCATAGCAAAACAAGCTGCCGACCAGATGAAGAATCAGGAGCAGCTAGCAGCAGAA  
 CTTGCTGAATTAAGTCCCAAGATTGCACTTCTAGAGGAAGCCAAGAAGAAAAAGGAAGGAAGCTACTG  
 AGTGGCAACACAAAGCTTTTGCAGCCCAGGAAGACTTGAAAAGACCAAGAAGAGTTAAAACTGTGAT  
 GTCTGCCCCCCTCCACCTCCACCACCACAGTCATTCTCCAACAGAAAACGAACATGATGAACACGAT  
 GAGAATAATGCTGAAGCTAGTGTGAATTATCAAATGAAGGGTAATGAACCATAGAAGCGAGGAAGAAC  
 GTGTAACCGAAACACAGAAAAATGAGCGTGTTAAGAAGCAACTTCAGGCATTAAGTTCAGAATTAGCCCA  
 AGCCAGAGATGAAACCAAGAAAACACAAATGATGTTCTTCATGCTGAGATGTTAAAGCAGGCCGTGAT  
 AAGTACAAGACTCTGCGACAGATTGACAAGGCAATACAAAGCAGCGTATCGATGAGTTTGAAGCAATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

## Protein Sequence:

>RC207953 representing NM\_002906  
 Red=Cloning site Green=Tags(s)

MPKPINVRVTMDAELEFAIQPNTTGKQLFDQVVKTVGLREVWFFGLQYVDSKGYSTWLKLNKKVTQQDV  
 KKENPLQFKFRAKFFPEDVSEELIQEITQRLFFLQVKEAILNDEIYCPPETAVLLASYAVQAKYGDYNKE  
 IHKPGYLANDRLLPQRVLEQHKLTKEQWEERIQNWHEEHRGMLREDSMMEYLKIAQDLEMYGVNYFEIKN  
 KKGTELWLGVDALGLNIYEHDDKLTPIGFPWSEIRNISFNDKKFVIKPIDKKAPDFVFYAPRLRINKRI  
 LALCMGNHEL YMRRRKPDITIEVQMQKAQAREEKHQKQLERAQLENEKEKREIAEKEKERIEREKEELMER  
 LKQIEEQTIKAQKELEEQTRKALELDQERKRAKEEAERLEKERRAAEEAKSAIAQAADQMKNQEQLAAE  
 LAEFTAKIALLEEAKKKKEEATEWQHKAFAAQEDLEKTEELKTVMSAPPPPPPPVIPPTENEHDEHD  
 ENNAEASAELSNEGVMNHRSEEEVRTETQKNERVKKQLQALSSELAQARDETCKTQNDVLHAENVKAGRD  
 KYKTLRQIRQGNKQRIDEFEAM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

## Species:

Human

## Serotype:

AAV-2

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ACCN:         | NM_002906                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ORF Size:     | 1749 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Buffer:       | PBS with 0.001% Pluronic F6169                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 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:       | <u><a href="#">NM_002906.3</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RefSeq Size:  | 4498 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:   | 1752 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Locus ID:     | 5962                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UniProt ID:   | <u><a href="#">P35241</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | 11q22.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MW:           | 68.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |