

## Product datasheet for **RC209140A1V**

### Human PEX13 (NM\_002618) AAV Particle

#### Product data:

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                     |
| Product Name:             | Human PEX13 (NM_002618) AAV Particle                              |
| Tag:                      | Myc-DDK                                                           |
| Symbol:                   | PEX13                                                             |
| Synonyms:                 | NALD; PBD11A; PBD11B; ZWS                                         |
| Mammalian Cell Selection: | None                                                              |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                        |
| ORF Nucleotide Sequence:  | >RC209140 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGC**

ATGGCGTCCCAGCCGCCACCTCCCCCAAACCTGGGAGACCCGCCGAATTCGGGAGCCGGACCGGGAC  
 CAGGACCGGGCCCACTTTCCAATCTGCTGATTTGGGTCCTACTTTAATGACAAGACCTGGACAACCAGC  
 ACTTACCAGAGTGCCCCACCTATTCTTCCAAGGCCATCACAGCAGACAGGAAGTAGCAGTGTGAACACT  
 TTTAGACCTGCTTACAGTTCATTTTCTCTGGATATGGTGCTATGGAATTCATTTTATGGAGGCTATA  
 GTCCTTATAGTTATGGATATAATGGGCTGGGCTACAACCGCTCCGTGTAGATGATCTCCACCCAGTAG  
 ATTTGTTTCAGCAAGCTGAAGAAAGCAGCAGGGGTGCATTTTCAGTCCATTGAAAGTATTGTGCATGCATTT  
 GCCTCTGTCAGTATGATGATGGATGCTACCTTTTCAGCTGTCTATAACAGTTTCAGGGCTGTATTGGATG  
 TAGCAATCACTTTTCCCGATTGAAATACACTTTACAAAAGTGTTCAGCTTTTGCATTGGTTAGGAC  
 TATACGGTATCTTTACAGACGGCTACAGCGGATGTTAGGTTTAAGAAGAGGCTCTGAGAATGAAGACCTC  
 TGGGCAGAGAGTGAAGGAAGTGGCATGCCTTGGTGCTGAGGACCGAGCAGCTACCTCAGCAAAATCTT  
 GGCCAATATTCTTGTCTTTGCTGTTATCCTTGGTGGTCTTACCTCATTGGAACTATTGTCTACTCA  
 CAGTGATGAAGTAACAGACAGCATCACTGGGCAAGTGGTGAGGATGACCATGTAGTTGCCAGAGCAGAA  
 TATGATTTTGCTGCCGATCTGAAGAAGAAATTTCTTTCCGGGCTGGTGATATGCTGAACCTAGCTCTCA  
 AAGAACAACAACCCAAAGTGCCTGGTTGGCTTCTGGCTAGCCTTGATGGCCAAACAACAGGACTTATACC  
 TGCGAATTATGTCAAAATTTCTGGCAAAAGAAAGGTAGGAAAACGGTGAATCAAGTAAAGTTTCCAAG  
 CAGCAACAATCTTTTACCAACCAACACTAACTAAAGGAGCCACGGTTGCTGATTCTTTGGATGAACAGG  
 AAGCTGCCTTTGAATCTGTTTTTGTGAACTAATAAGGTTCCAGTTGCACCTGATTCCATTGGGAAAGA  
 TGGAGAAAAGCAAGATCTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA


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|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC209140 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MASQPPPPPKPWETRRIPGAGPGPGPTFQSADLGPTLMTRPGQPALTRVPPILPRPSQQTGSSSVNT<br/> FRPAYSSFSSGYGAYGNSFYGGYSPYSYGYNGLGYNRLRVDDLPPSRFVQQAEESSRGAFQSIIESIVHAF<br/> ASVSMMMDATFSAVYNSFRAVLVDVANHFSRLKIHFTKVFSAFALVRTIRYL YRRLQRMLGLRRGSENE<br/> DLWAESEGTVAACGAEDRAATSAKSWPIFLFFAVILGGPYLIWKLLSTHSDEVTD SINWASGEDDHVVARAE<br/> YDFAAVSEEEISFRAGDMLNLALKEQQPKVRGWLLASLDGQTTGLIPANYVKILGKRKGRKTVESKVS<br/> KQQSFTNPTLTGATVADSLDEQAAFEVSFVETNKVPVAPDSIGKDGEKQDL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ACCN:             | NM_002618                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ORF Size:         | 1209 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Buffer:           | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 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_002618.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| RefSeq Size:      | 4524 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| RefSeq ORF:       | 1212 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Locus ID:         | 5194                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| UniProt ID:       | <a href="#">Q92968</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Cytogenetics:     | 2p15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MW:               | 44.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |