

## Product datasheet for **RC223916A1V**

### Human Rex1 (ZFP42) (NM\_174900) AAV Particle

#### Product data:

|                |                             |
|----------------|-----------------------------|
| Product Type:  | AAV Particles               |
| Tag:           | Myc-DDK                     |
| Symbol:        | Rex1                        |
| Synonyms:      | REX-1; REX1; zfp-42; ZNF754 |
| Mammalian Cell | None                        |
| Selection:     |                             |
| Vector:        | pAAV-AC-Myc-DDK (PS100089)  |

**ORF Nucleotide Sequence:** >RC223916 representing NM\_174900  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGC**

ATGAGCCAGCAACTGAAGAAACGGGCAAAGACACAGAAAGGCCTGGGTGGAAGAGCCCCAGTG  
GGGCTAAGCCAGGCAAGGCAAGTCAAGCCAAGACCTGCAGGCGGAAATAGAACCTGTCAGCGCGGTGTG  
GGCCTTATGTGATGGCTATGTGTGCTATGAGCCTGGCCCTCAGGCTCTCGGAGGGGATGATTTCTCAGAC  
TGTTACATAGAATGCGTCATAAGGGGTGAGTTTCTCAACCATCTCGAAGAGGACTCACTTTTGTGAGT  
CCTTGAATACCTAAAGAAAGGATCAGAACACAGCTTTCTCAAAGGTTTTCGAAGCAAGCTCCCTTGA  
ATGTTCTTTGGAATACATGAAAAAGGGTAAAGAAAGAGCTTCCACAAAGATAGTTGGAGAGAATTCG  
CTTGAGTATTCTGAGTACATGACAGGCAAGAAGCTTCCGCCTGGAGGAATACCTGGCATTGACCTATCAG  
ATCCTAAACAGCTCGCAGAATTTGCTAGAAAGAAGCCCCCATAAATAAAGAATATGACAGTCTGAGCGC  
AATCGCTTGTCTCAGAGTGGATGCACTAGGAAGTTGAGGAATAGAGCTGCCCTGAGAAAGCATCTCCTC  
ATTCATGGTCCCCGAGACCACGTCTGTGCGGAATGTGGAAAGCGTTCGTTGAGAGCTCAAACTAAAGA  
GACATTTCTGGTTTCATCTGAGAGAAAGCCGTTTCGGTGCACTTTTGAAGGGTGCGGAAAGCGCTTCTC  
TCTGGACTTTAATTTGCGTACGCACGTGCCATCCACACGGGGGAGAAACGTTTCGTGTGTCCCTTTCAA  
GGCTGCAACAGGAGGTTTATTCAGTCAAATAACCTGAAAGCCACATCCTAACGCATGCAATACGAACA  
AGAATGAACAAGAGGGAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;RC223916 representing NM_174900</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MSQQLKKRAKTRHQKGLGGRAPSGAKPRQKGSSQDLQAEIEPVSAVWALCDGYVCYEPGPQALGGDDFSD<br/> CYIECVIRGEFSQPILEEDSLFESLEYLKKGSEQQLSQKVFEASSLECSLEYMKKGVKKELPQKIVGENS<br/> LEYSEYMTGKKLPPGGIPGIDLSDPKQLAEFARKKPPINKEYDSLAIACPSGCTRKLNRNRAALRKHLL<br/> IHGPRDHVCAECGKAFVESSKLKRHFLVHTGEKPFRCDFEGCGKRFSLDFNLRTHVRIHTGEKRFVCPFQ<br/> GCNRRFIQSNLKAHILTHANTNKNEQEGK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ACCN:</b>             | NM_174900                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ORF Size:</b>         | 930 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_174900.2</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>RefSeq Size:</b>      | 2649 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>       | 933 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Locus ID:</b>         | 132625                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>UniProt ID:</b>       | <u><a href="#">Q96MM3</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cytogenetics:</b>     | 4q35.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>MW:</b>               | 34.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |