

## Product datasheet for **RC205721A1V**

### Human ZNF259 (ZPR1) (NM\_003904) AAV Particle

#### Product data:

|                           |                                              |
|---------------------------|----------------------------------------------|
| Product Type:             | AAV Particles                                |
| Product Name:             | Human ZNF259 (ZPR1) (NM_003904) AAV Particle |
| Tag:                      | Myc-DDK                                      |
| Symbol:                   | ZNF259                                       |
| Synonyms:                 | GKAF; ZNF259                                 |
| Mammalian Cell Selection: | None                                         |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                   |



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**ORF Nucleotide  
Sequence:**

&gt;RC205721 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

 ATGGCGGCCAGCGGGGCTGTGGAACAGGGCCCCCGGGGCTGCCGTCGCCCCGTCGCCCCCGGCC  
CGCCGCTGCCCTGATCACCTGTTCCGGCCCATCAGCGCCGAGGACGAGGAGCAGCAGCCACCGAGAT  
CGAGTCGCTATGCATGAACTGTTACTGCAATGGCATGACGCGCCTCCTGCTACCAAGATTCCCTTCTTC  
AGAGAAATAATAGTGAGCTCCTTTTCTGCGAGCACTGTGGCTGGAACAACACGGAGATCCAGTCGGCAG  
GCAGGATCCAGGACCAGGGAGTGCCTACACTTTGTCTGTGAGGGCTCTGGAGGACATGAACAGAGAAGT  
GGTGAAGACTGACTCTGCTGCCACAAGATTCTGAGCTAGATTTTGAATTCTGCCTTTAGCCAGAAA  
GGAGCTCTGACCACTGTTGAAGATTGATCACCGTGTATCTCTGGCCTGGAGCAGGACCAGCCTGCAC  
GAAGGGCAACAAAGATGCTACAGCTGAAAGAATTGATGAGTTTATTGTCAAAGTGAAGGAGCTAAAGCA  
AGTAGCCTCCCCTTCACTCTGATCATTGATGATCCCTCAGGGAACAGTTTTGTGAAAACCCACATGCT  
CCTCAGAAAGATGATGCCCTGGTGATCACACTACAACCGGACCCGACAGCAGGAAGAGATGCTGGGGC  
TTCAAGAAGAAGCACCAGCAGAGAAGCCAGAAGAGGAAGATCTCAGAAATGAAGTGCTCCAGTTCAGCAC  
AAACTGCCAGAAATGCAATGCCCGCTCAGACCAACATGAAGCTAGTACAAATCCCTCACTTTAAGGAG  
GTTATCATCATGGCTACCAACTGCGAGAACTGTGGGCATCGGACCAATGAGGTGAAATCTGGAGGAGCAG  
TAGAACCTTGGGCACCAGGATCACCTCCACATCACAGATGCCTCAGATATGACCAGAGACCTCCTCAA  
GTCTGAGACTTGCAAGTGTGAAATCCCAGAGCTAGAATTTGAAGTGGGAATGGCAGTCTCGGGGCAAG  
TTCACCACACTGGAAGGGCTGCTGAAAGACATCCGGGAAGTGGTGACCAAAATCCTTTCACTGGGCG  
ACAGTTCCAATCCTGGACAGACGGAGAGACTACAGGAGTTTAGCCAGAAGATGGACCAGATCATGAAGG  
TAACATGAAGGCCCACTTTATTATGGATGATCCAGCAGGAAACAGTTACTTGCAGAATGTGTATGCGCCT  
GAAGATGATCCTGAGATGAAGGTGGAGCGTTACAAGCGCACCTTTGACCAAAATGAGGAGCTAGGCTCA  
ATGACATGAAGACAGAGGGCTATGAGGCAGGCTGGCTCCGCAACGG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

&gt;RC205721 protein sequence

Red=Cloning site Green=Tags(s)

 MAASGAVEPGPPGAAVAPSPAPAPPPAPDHLFRPISAEDEEQPTEIESLCMNCCYCNMTRLLLTKIPFF  
REIIVSSFSCHECGWNTEIQSAGRIQDQGVRYTLVRALEDNMREVVKTDASAATRIPELDFEIPAFSQK  
GALTTVEGLITRAISGLEQDQPARRANKDATAERIDEFIVKLKELQVASPFTLIIDDPGNSFVENPHA  
PQKDDALVITHYNRTRQEEMLGLQEEAPAEKPEEEDLRNEVLQFSTNCPECNAPAQTNMKLVQIPHFKE  
VIIMATNCENCGRHTNEVKSGGAVEPLGTRITLHITDASDMTRDLLKSETCSVEIPELEFELGMAVLGGK  
FTTLEGLLLKDIKELVTKNPFTLGDSSNPQTERLQEFQKMDQIIEGNMKAHFIMDDPAGNSYLNQVYAP  
EDDPEMKVERYKRTFDQNEELGLNDMKTGEGYEAGLAPQR

**TR**TRPLE**QKL**ISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_003904

**ORF Size:**

1377 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:       | <u>NM_003904.3</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RefSeq Size:  | 1810 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:   | 1380 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Locus ID:     | 8882                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UniProt ID:   | <u>O75312</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | 11q23.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MW:           | 50.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |