

## Product datasheet for **RC223305A1V**

### Human RANBP1 (NM\_002882) AAV Particle

#### Product data:

**Product Type:** AAV Particles

**Tag:** Myc-DDK

**Symbol:** RANBP1

**Synonyms:** HTF9A

**Mammalian Cell** None

**Selection:**

**Vector:** pAAV-AC-Myc-DDK (PS100089)

**ORF Nucleotide Sequence:** >RC223305 representing NM\_002882  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGC**

ATGGCGGCCGCCAAGGACACTCATGAGGACCATGATACTTCCACTGAGAATACAGACGAGTCCAACCATG  
ACCCTCAGTTTGAAGCAATAGTTTCTTCTGAGCAAGAAATTAACACTGGAAGAAGATGAAGAGGA  
ACTTTTTAAATGCGGGCAAACTGTTCCGATTTGCCTCTGAGAACGATCTCCAGAATGGAAGGAGCGA  
GGCACTGGTGACGTCAAGCTCCTGAAGCACAAGGAGAAAGGGGCCATCCGCCTCCTCATGCGGAGGGACA  
AGACCTGAAGATCTGTGCCAACCCTACATCACGCCGATGATGGAGCTGAAGCCCAACGCAGGTAGCGA  
CCGTGCCTGGGTCTGGAACACCCACGCTGACTTCGCCGACGAGTGCCCAAGCCAGAGCTGCTGGCCATC  
CGCTTCTGAATGCTGAGAATGCACAGAAATCAAAACAAAGTTTGAAGAATGCAGGAAAGAGATCGAAG  
AGAGAGAAAAGAAAGCAGGATCAGGCAAAAATGATCATGCCGAAAAAGTGGCGGAAAAGCTAGAAGCTCT  
CTCGGTGAAGGAGGAGACCAAGGAGGATGCTGAGGAGAAGCAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATACGACGATAAGGTTTAA

**Protein Sequence:** >RC223305 representing NM\_002882  
Red=Cloning site Green=Tags(s)

MAAAKDTHEDHTSTENTDESNDHPQFEPIVSLPEQEIKTLEEDDEELFKMRAKLFRFASENDLPEWKER  
GTGDVKLLKHKEKGAIKLLMRRDKTLKICANHYITPMELKPNAGSDRAWVWNTHADFADECPPELLAI  
RFLNAENAQKFKTKFEERKEIEEREKKAGSGKNDHAEKVAEKLEALSVKEETKEDAEKQ

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human



|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Serotype:</b>     | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ACCN:</b>         | NM_002882                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ORF Size:</b>     | 603 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>       | <a href="#">NM_002882.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq Size:</b>  | 884 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>RefSeq ORF:</b>   | 606 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Locus ID:</b>     | 5902                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>UniProt ID:</b>   | <a href="#">P43487</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Cytogenetics:</b> | 22q11.21                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>MW:</b>           | 23.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |