

## Product datasheet for **RC216914A1V**

### Human TSH beta (TSHB) (NM\_000549) AAV Particle

#### Product data:

Product Type: AAV Particles  
Product Name: Human TSH beta (TSHB) (NM\_000549) AAV Particle  
Tag: Myc-DDK  
Symbol: TSH beta  
Synonyms: TSH-B; TSH-BETA  
Mammalian Cell Selection: None  
Vector: pAAV-AC-Myc-DDK (PS100089)  
ORF Nucleotide Sequence: >RC216914 representing NM\_000549  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGACTGCTCTCTTTCTGATGTCCATGCTTTTTGGCCTTGCATGTGGCAAGCGATGTCTTTTTGTATTC  
CAACTGAGTATACAATGCACATCGAAAGGAGAGAGTGTGCTTATTGCCTAACCATCAACACCACCATCTG  
TGCTGGATATTGTATGACACGGGATATCAATGGCAAAGTGTCTTCCCAATATGCTCTGTCCCAGGAT  
GTTTGCACATATAGAGACTTCATCTACAGGACTGTAGAAATACCAGGATGCCCACTCCATGTTGCTCCCT  
ATTTTCTCTATCCTGTTGCTTTAAGCTGTAAGTGTGGCAAGTGAATACTGACTATAGTGACTGCATACA  
TGAAGCCATCAAGACAACTACTGTACCAACCTCAGAAGTCTTATCTGGTAGGATTTTCTGTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC216914 representing NM\_000549  
Red=Cloning site Green=Tags(s)

MTALFLMSMLFGLACGQAMSFCIPTEYTMHIERRECAVCLTINTTICAGYCMTRDINGKLFIPKYALSQD  
VCTYRDFIYRTVEIPGCLHVAPYFSYPVALSCKCGKCNTDYSDCIHEAIKTNCTKPQKSYLVGFSV

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

Species: Human  
Serotype: AAV-2  
ACCN: NM\_000549



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|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ORF Size:     | 414 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_000549.2, NP_000540.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| RefSeq Size:  | 578 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| RefSeq ORF:   | 417 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Locus ID:     | 7252                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UniProt ID:   | <u>P01222</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | 1p13.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MW:           | 15.61 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |