

## Product datasheet for **RC232788A1V**

### Human Thyroid Hormone Receptor beta (THRB) (NM\_001252634) AAV Particle

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | AAV Particles   |
| Product Name:             | Human Thyroid Hormone Receptor beta (THRB) (NM_001252634) AAV Particle      |
| Tag:                      | Myc-DDK   |
| Symbol:                   | Thyroid Hormone Receptor beta   |
| Synonyms:                 | C-ERBA-2; C-ERBA-BETA; ERBA2; GRTH; NR1A2; PRTH; THR1; THRB1; THRB2; TRbeta |
| Mammalian Cell Selection: | None  |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)  |



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**ORF Nucleotide Sequence:**

>RC232788 representing NM\_001252634  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGACTCCCAACAGTATGACAGAAAATGGCCTTACAGCCTGGGACAAACCGAAGCACTGTCCAGACCGAG  
 AACACGACTGGAAGCTAGTAGGAATGTCTGAAGCCTGCCTACATAGGAAGAGCCATTAGAGAGGCGCAG  
 CACGTTGAAAAATGAACAGTCGTCGCCACATCTCATCCAGACCACTTGGACTAGCTCAATATTCCATCTG  
 GACCATGATGATGTAACGACCAGAGTGTCTCAAGTGCCAGACCTTCCAAACGGAGGAGAAGAAATGTA  
 AAGGGTACATCCCAGTTACTTAGACAAGGACGAGCTCTGTGTAGTGTGTGGTACAAAGCCACCGGGTA  
 TCACTACCGCTGTATCACGTGTGAAGGCTGCAAGGTTTCTTTAGAAGAACCATTAGAAAAATCTCCAT  
 CCATCCTATTCTGTAATATGAAGGAAAATGTGCATAGACAAAAGTACGCGAAATCAGTGCCAGGAAT  
 GTCGCTTAAGAAATGCATCTATGTTGGCATGGCAACAGATTTGGTGCTGGATGACAGCAAGAGGCTGGC  
 CAAGAGGAAGCTGATAGAGGAGAACCGGAGAAAAGACGGCGGGAAGAGCTGCAGAAGTCCATCGGGCAC  
 AAGCCAGAGCCACAGACGAGGAATGGGAGCTCATCAAACTGTACCGAAGCCCATGTGGCGACCAACG  
 CCCAAGGCAGCCACTGGAAGCAAAAACGAAAATTCCTGCCAGAAGACATTGGACAAGCACAATAGTCAA  
 TGCCCCAGAAGGTGGAAGGTTGACTTGGAAAGCCTTACGCCATTTTACAAAAATCATCACACCAGCAATT  
 ACCAGAGTGGTGGATTTTGCCAAAAAGTTGCCTATGTTTTGTGAGCTGCCATGTGAAGACCAGATCATCC  
 TCCTCAAAGGCTGCTGCATGGAGATCATGTCCCTTCGCGCTGCTGTGCGCTATGACCCAGAAAAGTGAGAC  
 TTTAACCTTGAATGGGAAAATGGCAGTGACACGGGGCCAGCTGAAAAATGGGGTCTTGGGGTGGTGTCA  
 GACGCCATCTTGACCTGGGCATGTCTGTCTTCTTTCAACCTGGATGACACTGAAGTAGCCCTCCTTC  
 AGGCCGCTCTGTGATGCTTTCAGATCGCCCGGGCTTGCCTGTGTTGAGAGAATAGAAAAGTACCAAGA  
 TAGTTTTCTGCTGGCCTTTGAACACTATATCAATTACCGAAAACACCAGTACACACTTTTGGCCAAAA  
 CTCTGATGAAGGTGACAGATCTGCGGATGATAGGAGCCTGCCATGCCAGCCGCTTCTGCACATGAAGG  
 TGGAATGCCCCACAGAACTTCCCCCTTTGTTCTTGGAAAGTTCGAGGAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC232788 representing NM\_001252634  
 Red=Cloning site Green=Tags(s)

MTPNSMTEENGLTAWDKPKHCPDREHDWKLVMSEACLHRKSHSERRSTLKNEQSSPHLIQTTWTSSIFHL  
 DHDDVNDQSVSSAQTFQTEEKCKGYIPSYLDKDELVCVGDKATGYHYRCITCEGCKGFFRRTIQKNLH  
 PSYSCKYEGKCVIDKVTRNQCECRFKKCIYVGMATDLVLDDSKRLAKRKLIEENREKRRREELQKSIGH  
 KPEPTDEEWELIKTVTEAHVATNAQGSHWKQKRKFLPEDIGQAPIVNAPEGGKVDLEAFSHFTKIITPAI  
 TRVVDFAKKLPFCELPEDQIILLKGCMEIMSLRAAVRYDPESETLTLNGEMAVTRGQLKNGGLGVVS  
 DAIFDLGMSLSSFNLDDTEVALLQAVLLMSSDRPGLACVERIEKYQDSFLLAFEHYINRYKHHVTHFWPK  
 LLMKVTDLRMIGACHASRFLHMKVECPTELPPLFLEVFEF

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_001252634

**ORF Size:**

1383 bp

**Buffer:**

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>NM_001252634.1</u>   |
| <b>RefSeq Size:</b>  | 7651 bp   |
| <b>RefSeq ORF:</b>   | 1386 bp   |
| <b>Locus ID:</b>     | 7068  |
| <b>UniProt ID:</b>   | <u>P10828</u>   |
| <b>Cytogenetics:</b> | 3p24.2  |
| <b>MW:</b>           | 52.8 kDa  |