

Product datasheet for **RC225776A1V**

Human Thyroid Hormone Receptor beta (THRB) (NM_001128176) AAV Particle

Product data:

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|---------------------------|---|
| Product Type: | AAV Particles |
| Product Name: | Human Thyroid Hormone Receptor beta (THRB) (NM_001128176) 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:

>RC225776 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACTCCCAACAGTATGACAGAAAATGGCCTTACAGCCTGGGACAAACCGAAGCACTGTCCAGACCGAG
 AACACGACTGGAAGCTAGTAGGAATGTCTGAAGCCTGCCTACATAGGAAGAGCCATTAGAGAGGCGCAG
 CACGTTGAAAAATGAACAGTCGTCGCCACATCTCATCCAGACCACTTGGACTAGCTCAATATTCCATCTG
 GACCATGATGATGTAACGACCAGAGTGTCTCAAGTGCCAGACCTTCCAAACGGAGGAGAAGAAATGTA
 AAGGGTACATCCCAGTTACTTAGACAAGGACGAGCTCTGTGTAGTGTGGTGACAAAGCCACCGGGTA
 TCACTACCGCTGTATCACGTGTGAAGGCTGCAAGGTTTCTTTAGAAGAACCATTAGAAAAATCTCCAT
 CCATCCTATTCTGTAATATGAAGGAAAATGTGTCATAGACAAAGTACGCGAAATCAGTGCCAGGAAT
 GTCGCTTAAGAAATGCATCTATGTTGGCATGGCAACAGATTTGGTGCTGGATGACAGCAAGAGGCTGGC
 CAAGAGGAAGCTGATAGAGGAGAACCGGAGAAAAGACGGCGGGAAGAGCTGCAGAAGTCCATCGGGCAC
 AAGCCAGAGCCACAGACGAGGAATGGGAGCTCATCAAACTGTACCGAAGCCCATGTGGCGACCAACG
 CCCAAGGCAGCCACTGGAAGCAAAAACGAAAATTCCTGCCAGAAGACATTGGACAAGCAACCAATAGTCAA
 TGCCCCAGAAGGTGGAAGGTTGACTTGGAAAGCCTTACGCCATTTTACAAAAATCATCACACCAGCAATT
 ACCAGAGTGGTGGATTTTGCCAAAAAGTTGCCTATGTTTTGTGAGCTGCCATGTGAAGACCAGATCATCC
 TCCTCAAAGGCTGCTGCATGGAGATCATGTCCCTTCGCGCTGCTGTGCGCTATGACCCAGAAAGTGAGAC
 TTTAACCTTGAATGGGAAAATGGCAGTGACACGGGGCCAGCTGAAAAATGGGGTCTTGGGGTGGTGTCA
 GACGCCATCTTGACCTGGGCATGTCTGTCTTCTTTCAACCTGGATGACACTGAAGTAGCCCTCCTTC
 AGGCCGCTCCTGCTGATGCTTTCAGATCGCCCGGGCTTGCCTGTGTTGAGAGAATAGAAAAGTACCAAGA
 TAGTTTTCTGCTGGCCTTTGAACACTATATCAATTACCGAAAACACCACGTGACACACTTTTGGCCAAAA
 CTCTGATGAAGGTGACAGATCTGCGGATGATAGGAGCCTGCCATGCCAGCCGCTTCTGCACATGAAGG
 TGGAATGCCCCACAGAACTTCCCCCTTTGTTCTTGGAAAGTGTTCGAGGAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC225776 protein sequence
 Red=Cloning site Green=Tags(s)

MTPNSMTEENGLTAWDKPKHCPDREHDWKL VGMSEACLHRKSHSERRSTLKNEQSSPHLIQTTWTSSIFHL
 DHDDVNDQSVSSAQTFQTEKKCKGYIPSYLDKDEL CVVCGDKATGYHYRCITCEGCKGFFRRTIQKNLH
 PSYSCKYEGKCVIDKVTRNQCQECRFKKCIYVGMATDL VLDDSKRLAKRKLIEENREKRRREELQKSIGH
 KPEPTDEEWELIKTVTEAHVATNAQGSHWKQKRKFLPEDIGQAPIVNAPEGGKVDLEAFSHFTKIITPAI
 TRVVDFAKKLPFCELPEDQIILLKGCMEIMSLRAAVRYDPESETLTLNGEMAVTRGQLKNGGLGVVS
 DAIFDLGMSLSSFNLDDEVALLQAVLLMSSDRPGLACVERIEKYQDSFLLAFEHYINRYKHHVTHFWPK
 LLMKVTDLRMIGACHASRFLHMKVECPTELPPLFLEVFEF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001128176

ORF Size:

1383 bp

Buffer:

PBS with 0.001% Pluronic F68

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|----------------------|---|
| 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_001128176.1</u> |
| RefSeq Size: | 7527 bp |
| RefSeq ORF: | 1386 bp |
| Locus ID: | 7068 |
| UniProt ID: | <u>P10828</u> |
| Cytogenetics: | 3p24.2 |
| MW: | 52.8 kDa |