

## Product datasheet for **RC225777A1V**

### Human Thyroid Hormone Receptor beta (THRB) (NM\_001128177) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human Thyroid Hormone Receptor beta (THRB) (NM_001128177) 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:**

>RC225777 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGACTCCCAACAGTATGACAGAAAATGGCCTTACAGCCTGGGACAAACCGAAGCACTGTCCAGACCGAG  
 AACACGACTGGAAGCTAGTAGGAATGTCTGAAGCCTGCCTACATAGGAAGAGCCATTAGAGAGGCGCAG  
 CACGTTGAAAAATGAACAGTCGTCGCCACATCTCATCCAGACCACTTGGACTAGCTCAATATTCCATCTG  
 GACCATGATGATGTAACGACCAGAGTGTCTCAAGTGCCAGACCTTCCAAACGGAGGAGAAGAAATGTA  
 AAGGGTACATCCCAGTTACTTAGACAAGGACGAGCTCTGTGTAGTGTGTGGTACAAAGCCACCGGGTA  
 TCACTACCGCTGTATCACGTGTGAAGGCTGCAAGGTTTCTTTAGAAGAACCATTAGAAAAATCTCCAT  
 CCATCCTATTCTGTAATATGAAGGAAAATGTGTCATAGACAAAGTACGCGAAATCAGTGCCAGGAAT  
 GTCGCTTAAGAAATGCATCTATGTTGGCATGGCAACAGATTTGGTGTGGATGACAGCAAGAGGCTGGC  
 CAAGAGGAAGCTGATAGAGGAGAACCGGAGAAAAGACGGCGGGAAGAGCTGCAGAAGTCCATCGGGCAC  
 AAGCCAGAGCCACAGACGAGGAATGGGAGCTCATCAAACTGTACCGAAGCCCATGTGGCGACCAACG  
 CCCAAGGCAGCCACTGGAAGCAAAAACGAAAATTCCTGCCAGAAGACATTGGACAAGACCAATAGTCAA  
 TGCCCCAGAAGGTGGAAGGTTGACTTGGAAAGCCTTACGCCATTTTACAAAAATCATCACACCAGCAATT  
 ACCAGAGTGGTGGATTTTGCCAAAAAGTTGCCTATGTTTTGTGAGCTGCCATGTGAAGACCAGATCATCC  
 TCCTCAAAGGCTGCTGCATGGAGATCATGTCCCTTCGCGCTGCTGTGCGCTATGACCCAGAAAAGTGAGAC  
 TTTAACCTTGAATGGGAAAATGGCAGTGACACGGGGCCAGCTGAAAAATGGGGTCTTGGGGTGGTGTCA  
 GACGCCATCTTGACCTGGGCATGTCTGTCTTCTTTCAACCTGGATGACACTGAAGTAGCCCTCCTTC  
 AGGCCGCTCCTGCTGATGCTTTCAGATCGCCCGGGCTTGCCTGTGTTGAGAGAATAGAAAAGTACCAAGA  
 TAGTTTTCTGCTGGCCTTTGAACACTATATCAATTACCGAAAACACCACGTGACACACTTTTGGCCAAAA  
 CTCTGATGAAGGTGACAGATCTGCGGATGATAGGAGCCTGCCATGCCAGCCGCTTCTGCACATGAAGG  
 TGGAATGCCCCACAGAACTTCCCCCTTTGTTCTTGGAAAGTGTTCGAGGAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC225777 protein sequence  
 Red=Cloning site Green=Tags(s)

MTPNSMTEENGLTAWDKPKHCPDREHDWKLVMSEACLHRKSHSERRSTLKNEQSSPHLIQTTWTSSIFHL  
 DHDDVNDQSVSSAQTFQTEEKCKGYIPSYLDKDELVCVCGDKATGYHYRCITCEGCKGFFRRTIQKNLH  
 PSYSCKYEGKCVIDKVTRNQCQECRFKKCIYVGMATDLVLDDSKRLAKRKLIEENREKRRREELQKSIGH  
 KPEPTDEEWELIKTVTEAHVATNAQGSHWKQKRKFLPEDIGQAPIVNAPEGGKVDLEAFSHFTKIITPAI  
 TRVVDFAKKLPFCELPEDQIILLKGCMEIMSLRAAVRYDPESETLTLNGEMAVTRGQLKNGGLGVVS  
 DAIFDLGMSLSSFNLDDTEVALLQAVLLMSSDRPGLACVERIEKYQDSFLLAFEHYINRYKHHVTHFWPK  
 LLMKVTDLRMIGACHASRFLHMKVECPTELPPLFLEVFEF

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_001128177

**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><a href="#">NM_001128177.1</a></u>
<b>RefSeq Size:</b>	7553 bp
<b>RefSeq ORF:</b>	1386 bp
<b>Locus ID:</b>	7068
<b>UniProt ID:</b>	<u><a href="#">P10828</a></u>
<b>Cytogenetics:</b>	3p24.2
<b>MW:</b>	52.8 kDa