

Product datasheet for **RC200735A1V**

Human Thyroid Hormone Receptor alpha (THRA) (NM_003250) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Thyroid Hormone Receptor alpha (THRA) (NM_003250) AAV Particle
Tag:	Myc-DDK
Symbol:	Thyroid Hormone Receptor alpha
Synonyms:	AR7; c-ERBA-1; CHNG6; EAR7; ERB-T-1; ERBA; ERBA1; NR1A1; THRA1; THRA2; TRalpha
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200735 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAACAGAAGCCAAGCAAGGTGGAGTGTGGGTGAGCCAGAGGAGAACAGTGCCAGGTCACCAGATG
 GAAAGCGAAAAAGAAAGAACGGCCAATGTTCCCTGAAAACCAGCATGTCAGGGTATATCCCTAGTTACCT
 GGACAAAGACGAGCAGTGTGCTGTGTGGGGACAAGGCAACTGGTTATCACTACCGCTGTATCACTTGT
 GAGGGCTGCAAGGGCTTCTTTCCGCCGACAATCCAGAAGAACCTCCATCCACCTATTCTGCAATATG
 ACAGCTGCTGTGTCATTGACAAGATCACCCGCAATCAGTGCCAGCTGTGCCGCTTCAAGAAGTGCATCGC
 CGTGGGCATGGCCATGGACTTGGTTCTAGATGACTCGAAGCGGGTGGCCAAGCGTAAGCTGATTGAGCAG
 AACCGGGAGCGGGCGGAAGGAGGAGATGATCCGATCACTGCAGCAGCGACCAGAGCCACTCTGAAG
 AGTGGGATCTGATCCACATTGCCACAGAGGCCATCGCAGCACCAATGCCAGGGCAGCCATTGAAACA
 GAGGCGGAAATCCTGCCGATGACATTGGCCAGTACCCATTGTCTCCATGCCGACGGAGACAAGGTG
 GACCTGGAAGCCTTCAGCGAGTTTACCAAGATCATACCCCGGCCATCACCCGTGTGGTGGACTTTGCCA
 AAAAATGCCCATGTTCTCCGAGCTGCCTTGCGAAGACCAGATCATCCTCCTGAAGGGGTGCTGCATGGA
 GATCATGTCCCTGCGGGCGGTGTCGCTACGACCCTGAGAGCGACACCCTGACGCTGAGTGGGGAGATG
 GCTGTCAAGCGGGAGCAGCTCAAGAATGGCGCCTGGGCGTAGTCTCCGACGCCATCTTTGAACTGGGCA
 AGTCACTCTCTGCCTTAACTGGATGACACGGAAGTGGCTCTGCTGCAGGCTGTGCTGCTAATGTCAAC
 AGACCGCTCGGGCCTGCTGTGTGTGGACAAGATCGAGAAGAGTCAGGAGGCGTACCTGCTGGCGTTCGAG
 CACTACGTCAACCACCGCAAACAACATTCCGCACTTCTGGCCAAGCTGCTGATGAAGGAGAGAGAAG
 TGCAGATTTCGATTCTGACAAGGGGGCAGCGCAGAAGGCCGGCCGGGGGCTACTGGCGCTCCACCC
 GGAAGGACAGCAGCTTCTCGGAATGCATGTTGTTCAAGGTCGCGAGGTCGCGCAGCTTGAAGCAGCAGCTT
 GGTGAAGCGGGAAGTCTCCAAGGGCCGTTCTTTCAGCACCAGAGCCGAAGAGCCCGCAGCAGCGTCTCC
 TGGAGCTGCTCCACCGAAGCGGAATTCTCCATGCCCGAGCGGTCTGTGGGGAAGACGACAGCAGTGAGGC
 GGACTCCCGAGCTCTCTGAGGAGGAACCGGAGGTCTGCGAGGACCTGGCAGGCAATGCAGCCTCTCC

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200735 protein sequence
 Red=Cloning site Green=Tags(s)

MEQKPSKVECGSDPEENSARSPDGKRKRKNGQCSLKTSMGYIPSYLDKDEQCVVCGDKATGYHYRCITC
 EGCKGFFRRTIQNLHPTYSCKYDSCCIDKTRNQQLCRFKKCIAVGMAMDLLDDSKRVAKRKLIEQ
 NRERRRKEEMIRSLQQRPEPTPEEWDLIHIATEAHRSTNAQGSWWKQRRKFLPDDIGQSPVIVSMPDGDV
 DLEAFSEFTKIIITPAITRVVDFAKKLPFSELPCEDQIILLKGCMEIMSLRAAVRYDPESDTLTLSGEM
 AVKREQLKNGGLGVVSDAIFELGKSLSAFNLDDEVALLLQAVLLMSTDRSGLLCVDKIEKSQEAYLLAFE
 HYVNHKRNIPHFWPKLLMKEREVQSSILYKGAAGRPGGSLGVHPEGQQLGMHVVQGPVQRLEQQL
 GEAGSLQGPVLQHQSPKSPQRLLELLHRSGILHARAFCGEDDSSEADSPSSSEEEPEVCEDLAAGNAASP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_003250

ORF Size:

1470 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_003250.4</u>
RefSeq Size:	2566 bp
RefSeq ORF:	1473 bp
Locus ID:	7067
UniProt ID:	<u>P10827</u>
Cytogenetics:	17q21.1
MW:	54.8 kDa