

Product datasheet for **RC204733A1V**

Human Thyroxine Binding Globulin (SERPINA7) (NM_000354) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Thyroxine Binding Globulin (SERPINA7) (NM_000354) AAV Particle
Tag:	Myc-DDK
Symbol:	Thyroxine Binding Globulin
Synonyms:	TBG; TBGQTL
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC204733 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCACCATTCTGTATCTGGTTCTCTTGGTACTTGGGCTTCATGCTACAATCCACTGTGCATCACCTG
AAGGCAAAGTAACAGCCTGCCATTTCATCCCAACCAATGCCACTCTCTACAAGATGTATCCATTAATGC
TGACTTTGCATTCAATCTGTACCGGAGGTTCACTGTGGAGACCCAGATAAGAACATCTTCTTTCCCT
GTGAGCATTTCTGCAGCTTTGGTTATGCTTTCTTTGGGCTGCTGCAGCACCCAACTGAGATTGTGG
AGACCTTGGGTTCAACCTCACAGACACTCCAATGGTAGAGATCCAGCATGGCTTCCAGCATCTGATCTG
TTCAGTGAATTTTCCAAAGAAGGAAGTGAATTCAGATAGGAAATGCCCTCTTCATTGGCAAGCATCTG
AAACCACTGGCAAAGTTCTTGAATGATGTCAAGACCCTCTATGAGACTGAAGTCTTTCTACCGACTTCT
CCAACATTTCTGCAGCCAAGCAGGAGATTAACAGTCATGTGGAGATGCAAACCAAGGAAAGTTGTGGG
TCTAATTCAAGACCTCAAGCCAAACACCATCATGGTCTTAGTGAAGTATATTCATTTAAAGCCAGTGG
GCAAATCCTTTTGATCCATCCAAGACAGAAGACAGTTCAGCTTCTTAATAGACAAGACCACCACTGTTC
AAGTGCCCATGATGCACAGATGGAACAATACTATCACCTAGTGGATATGGAATTGAAGTGCACAGTTCT
GCAAATGGACTACAGCAAGAATGCTCTGGCACTCTTTGTTCTTCCCAAGGAGGACAGATGGAGTCAGTG
GAAGCTGCCATGTCATCTAAACACTGAAGAAGTGAACCGCTTACTACAGAAGGATGGGTTGACTTGT
TTGTTCCAAAGTTTCTCATTTCTGCCACATATGACCTTGAGCCACACTTTTGAAGATGGGCATTAGCA
TGCCTATTCTGAAATGCTGATTTTCTGGACTCACAGAGGACAATGGTCTGAACTTTCCAATGCTGCC
CATAAGGCTGTGCTGCACATTGGTGAAGGGAAGTGAAGCTGCAGCTGTCCCTGAAGTTGAAGTTTCGG
ATCAGCTGAAACACTTTCTACACCTATTATCCAAATTGATAGATCTTTCATGTTGTTGATTTTGA
GAGAAGCACAAGGAGTATTCTTTCTAGGGAAGTTGTGAACCAACGGAAGCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC204733 protein sequence Red=Cloning site Green=Tags(s) MSPFLYLVLVLGLHATIHCAPEGKVTACHSSQP NATLYKMSSINADFAFNLYRRFTVETPDKNIFFSP VSISAALVMLSFGACCSTQTEIVETLGFNLTDTPMVEIQHGFQHLICSLNFPKKELELQIGNALFIGKHL KPLAKFLNDVKTLYETEVFSTDFSNISAAKQEINSHVEMQTKGKVVG LIQDLKPNTIMVLVNYIHFAQW ANPFDPSKTEDSSSFLIDKTTTVQVPMMHQMEQYYHLVDMELNCTVLQMDYSKNALALFVLPKEGQMESV EAAMSSKTLKKWNRLQKGWDLFVPKFSISATYDLGATLLKMG IQHAYSENADFSGLTEDNGLKLSNAA HKAVLHIGEGKTEAAAVPEVELSDQPENTFLHP IIQIDRSFMLLILERSTRSILFLGKVVNPTEA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000354
ORF Size:	1245 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:	NM_000354.3
RefSeq Size:	1600 bp
RefSeq ORF:	1248 bp
Locus ID:	6906
UniProt ID:	P05543
Cytogenetics:	Xq22.3
MW:	46.3 kDa