

## Product datasheet for **RC200973A1V**

### Human TGF beta 1 (TGFB1) (NM\_000660) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human TGF beta 1 (TGFB1) (NM\_000660) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** TGF beta 1  
**Synonyms:** CED; DPD1; IBDIMDE; LAP; TGF-beta1; TGFB; TGFbeta  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC200973 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCCGCCCTCCGGGCTGCGGCTGCTGCTGCTGCTACCGCTGCTGTGGCTACTGGTCTGACGCCTG  
 GCCGGCCGGCCGCGGACTATCCACCTGCAAGACTATCGACATGGAGCTGGTGAAGCGGAAGCGCATCGA  
 GGCCATCCGCGGCCAGATCCTGTCCAAGCTGCGGCTCGCCAGCCCCCGAGCCAGGGGGAGGTGCCGCC  
 GGCCCGCTGCCGAGGCCGTGCTCGCCCTGTACAACAGCACCCGCGACCGGGTGGCCGGGAGAGTGCAG  
 AACCGGAGCCCGAGCCTGAGGCCGACTACTACGCCAAGGAGGTCACCCGCGTGCTAATGGTGAAACCCA  
 CAACGAAATCTATGACAAGTTCAAGCAGAGTACACACAGCATATATATGTTCTTCAACACATCAGAGCTC  
 CGAGAAGCGGTACCTGAACCCGTGTTGCTCTCCCGGGCAGAGCTGCGTCTGCTGAGGCTCAAGTTAAAAG  
 TGGAGCAGCACGTGGAGCTGTACCAGAAATACAGCAACAATTCCTGGCGATACCTCAGCAACCGGCTGCT  
 GGCACCCAGCGACTCGCCAGAGTGGTTATCTTTTGTGTACCCGAGTTGTGCGGCAGTGGTTGAGCCGT  
 GGAGGGGAAATTGAGGGCTTTCGCCTTAGCGCCACTGCTCCTGTGACAGCAGGGATAACACACTGCAAG  
 TGGACATCAACGGTTCCTACTACCGCCCGGAGGTGACCTGGCCACCATTCATGGCATGAACCGGCTTT  
 CCTGCTTCTCATGGCCACCCGCTGGAGAGGGCCAGCATCTGCAAAGCTCCCGGACCCCGAGCCCTG  
 GACACCAACTATTGCTTCAGCTCCACGAGAAGAACTGCTGCGTGCGGCAGCTGTACATTGACTTCGGCA  
 AGGACCTCGGCTGGAAGTGGATCCACGAGCCCAAGGGCTACCATGCCAATTCTGCCTCGGGCCCTGCC  
 CTACATTTGGAGCCTGGACACGAGTACAGCAAGGTCCTGGCCCTGTACAACCAGCATAACCCGGGGCC  
 TCGGGCGGCCGTGCTGCGTGCCGACGGCGCTGGAGCCGCTGCCATCGTGTACTACGTGGGCCGCAAGC  
 CCAAGTGGAGCAGCTGTCCAACATGATCGTGCGCTCCTGCAAGTGCAGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTAA



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<b>Protein Sequence:</b>	<p>&gt;RC200973 protein sequence  <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MPPSGLRLLLLLLPLLWLLVLTGPRPAAGLSTCKTIDMELVKRKRIEAIRGQILSKLRLASPPSQGEVPP          GPLPEAVLALYNSTRDRVAGESAEPEPEPEADYYAKEVTRVLMVETHNEIYDKFKQSTHSIYMFNTSEL          REAVPEPVLLSRAELRLLRLKLVQHVLYQKYSNNSWRYLSNRLAPSDSPEWLSFDVTGVVRQWLSR          GGEIEGFRLSAHCSDSRDNTLQVDINGFTTGRRGLATIHGMNRPFLLLMATPLERAQHLQSSRHRRAL          DTNYCFSSTEKNCCVRQLYIDFRKDLGKWIHEPKGYHANFCLGPCPYIWSLDTQYSKVLALYNQHNPGA          SAAPCCVPQALEPLPIVYVGRKPKVEQLSNMIVRSCKCS</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLI</span><span style="color: green;">SEEDLAANDILDYKDDDDKV</span></p>
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_000660
<b>ORF Size:</b>	1170 bp
<b>Buffer:</b>	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>	<a href="#">NM_000660.3</a>
<b>RefSeq Size:</b>	2583 bp
<b>RefSeq ORF:</b>	1173 bp
<b>Locus ID:</b>	7040
<b>UniProt ID:</b>	<a href="#">P01137</a>
<b>Cytogenetics:</b>	19q13.2
<b>MW:</b>	44.3 kDa