

## Product datasheet for **RC202718A1V**

### Human Alpha B Crystallin (CRYAB) (NM\_001885) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human Alpha B Crystallin (CRYAB) (NM\_001885) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** Alpha B Crystallin  
**Synonyms:** CMD1II; CRYA2; CTPP2; CTRCT16; HEL-S-101; HSPB5; MFM2  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC202718 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGACATCGCCATCCACCACCCTGGATCCGCCGCCCTTCTTTCTTTCCACTCCCCAGCCGCCTCT  
 TTGACCAGTTCTCGGAGAGCACCTGTTGGAGTCTGATCTTTCCCGACGTCTACTTCCCTGAGTCCCTT  
 CTACCTTCGGCCACCCTCCTTCTGCGGGCACCCAGCTGGTTTGACACTGGACTCTCAGAGATGCGCCTG  
 GAAAAGGACAGGTTCTCTGTCAACCTGGATGTGAAGCACTTCTCCCCAGAGGAACTCAAAGTTAAGGTGT  
 TGGGAGATGTGATTGAGGTGCATGGAAAACATGAAGAGCGCCAGGATGAACATGGTTTCATCTCCAGGGA  
 GTTCCACAGGAAATACCGGATCCAGCTGATGTAGACCTCTCACCATTACTTCATCCCTGTCATCTGAT  
 GGGTCTCACTGTGAATGGACCAAGGAAACAGGTCTCTGGCCCTGAGCGCACCATTCATCACCCGTG  
 AAGAGAAGCTGCTGTCACCGCAGCCCCAAGAAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC202718 protein sequence  
 Red=Cloning site Green=Tags(s)

MDIAIHPWIRPPFPFHSPSRLFDQFFGEHLLESDFPTSTSLSPFYLRPPSFLRAPSWFDTGLSEMRL  
 EKDRFSVNLVDVKHFSPEELKVKVLGDVIEVHGKHEERQDEHGFISREFHRKYRIPADVDPLTITSSLSDD  
 GVLTVNGPRKQVSGPERTIPITREEKPAVTAAPKK

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human  
**Serotype:** AAV-2



<b>ACCN:</b>	NM_001885
<b>ORF Size:</b>	525 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>	<u><a href="#">NM_001885.1</a></u>
<b>RefSeq Size:</b>	998 bp
<b>RefSeq ORF:</b>	528 bp
<b>Locus ID:</b>	1410
<b>UniProt ID:</b>	<u><a href="#">P02511</a></u>
<b>Cytogenetics:</b>	11q23.1
<b>MW:</b>	20.2 kDa