

Product datasheet for **RC207718A1V**

Human beta B1 Crystallin (CRYBB1) (NM_001887) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human beta B1 Crystallin (CRYBB1) (NM_001887) AAV Particle
Tag:	Myc-DDK
Symbol:	beta B1 Crystallin
Synonyms:	CATCN3; CTRCT17
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC207718 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCTCAGGCTGCAAAGGCCTCGGCCTCGGCCACAGTGGCGGTGAACCCAGGGCCTGACACCAAGGGGA
AGGGGGCCCCACCTGCAGGAACATCCCCTAGTCCCGGCACTACCCTGGCCCCAACAACCGTGCCTATTAC
CAGCGCCAAGGCGGCGGAAGTGCCTCCTGGGAACACAGGCTGGTGGTCTTGAAGTGGAAAACTTCCAG
GGCCGTCGAGCAGAATTCTCGGGGAGTGTCAAATCTGGCAGACCGTGGCTTCGACCGTGTGCGCAGCA
TCATTGTCTCCGCGGACCCCTGGGTGCCTTTGAGCAGTCCAATTCCGCGGGGAGATGTTTCATCCTGGA
GAAGGGCGAGTACCCTCGCTGGAACACATGGTCGAGCAGCTACCGCAGTGATCGGCTCATGTCTTCCGG
CCCATCAAAATGGATGCCAGGAGCACAAAATCTCCCTGTTTGAAGGGGCCAACTTCAAGGGCAACACCA
TAGAGATCCAGGGGGACGACGACCCAGTCTCTGGGTCTACGGCTTCAGTGACCGCGTGGCAGCGTGAA
GGTCTCCAGTGAACATGGGTTGGTATCAGTATCCTGGCTACCGCGGTACCGTACCTCCTAGAGCCT
GGTGACTTCCGGCACTGGAATGAGTGGGGAGCCTCCAGCCACAGATGCAGTCCCTGCGTCGCTGCGTG
ACAAGCAGTGGCACCTCGAGGGTCCTTCCTGTCTGCGCCACAGAGCCCCCAAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC207718 protein sequence Red=Cloning site Green=Tags(s) MSQAAKASASATVAVNPGPDTKGKGAPPAGTSPSPGTTLAPTTVPITSAKAAELPPGNYRLVVFELNFQ GRRAEFSGECSNLADRGFDRVRSIIIVSAGPWVAFEQSNFRGEMFILEKGEYPRWNTWSSSYRSDRLMSFR PIKMDAQEHKISLFEGANFKGNTIEIQGDDAPSLWVYGFSDRVGSVKVSSGTWVGYYQYPGYRGYQYLLEP GDFRHWNEWGAFQPMQSLRRLRDKQWHLEGSFPVLATEPPK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001887
ORF Size:	756 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_001887.3</u>
RefSeq Size:	921 bp
RefSeq ORF:	759 bp
Locus ID:	1414
UniProt ID:	<u>P53674</u>
Cytogenetics:	22q12.1
MW:	28 kDa