

## Product datasheet for **RC206642A1V**

### Human Cytoglobin (CYGB) (NM\_134268) AAV Particle

#### Product data:

**Product Type:** AAV Particles

**Product Name:** Human Cytoglobin (CYGB) (NM\_134268) AAV Particle

**Tag:** Myc-DDK

**Symbol:** Cytoglobin

**Synonyms:** HGB; STAP

**Mammalian Cell Selection:** None

**Vector:** pAAV-AC-Myc-DDK (PS100089)

**ORF Nucleotide Sequence:** >RC206642 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGAGAAAGTGCCAGGCGAGATGGAGATCGAGCGCAGGGAGCGGAGCGAGGAGCTGTCCGAGGCGGAGA  
GGAAGGCGGTGCAGGCTATGTGGGCCCGGCTCTATGCCAGCTGCGAGGACGTGGGGGTGGCCATCCTGGT  
GAGGTTCTTTGTGAACCTCCCTCGGCCAAGCAGTACTTCAGCCAGTTCAAGCACATGGAGGATCCCTGT  
GAGATGGAGCGGAGCCCCAGCTGCGGAAGCACGCTGCCGAGTCATGGGGGCCCTCAACACTGTCGTGG  
AGAACCTGCATGACCCCGACAAGGTGCTCTGTGCTCGCCCTTGTGGGAAAGCCACGCCCTCAAGCA  
CAAGGTGAACCGGTGTACTTCAAGATCCTCTCTGGGGTCAATTCTGGAGGTGGTGCGCCGAGGAATTTGCC  
AGTGACTTCCCACCTGAGACGCAGAGAGCCTGGGCCAAGCTGCGTGGCCTCATCTACAGCCACGTGACCG  
CTGCCTACAAGGAAGTGGGTGGGTGCAGCAGTCCCCAACGCCACCACCCACCGGCCCACTGCCCTC  
TTCGGGGCCG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC206642 protein sequence  
Red=Cloning site Green=Tags(s)

MEKVPGEIEIRERSEELSEAERKAVQAMWARLYASCEDVGVAIVRFFVNFPSAKQYFSQFKHMDPL  
EMERSPQLRKHACRVMGALNTVVENLHDPDKVSSVLALVGKAHALKHKVEPVYFKILSGVILEVVAEEFA  
SDFPPETQRAWAKLRGLIYSHVTAAYKEVGWVQVNPATTPPATLPSSGP

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human



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|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Serotype:     | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ACCN:         | NM_134268                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ORF Size:     | 570 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><a href="#">NM_134268.3</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RefSeq Size:  | 2166 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:   | 573 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Locus ID:     | 114757                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| UniProt ID:   | <u><a href="#">Q8WWM9</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | 17q25.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MW:           | 21.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |