

## Product datasheet for **RC215370A1V**

### Human BTNL8 (NM\_001040462) AAV Particle

#### Product data:

|                           |                                         |
|---------------------------|-----------------------------------------|
| Product Type:             | AAV Particles                           |
| Product Name:             | Human BTNL8 (NM_001040462) AAV Particle |
| Tag:                      | Myc-DDK                                 |
| Symbol:                   | BTNL8                                   |
| Synonyms:                 | BTN9.2                                  |
| Mammalian Cell Selection: | None                                    |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)              |



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**ORF Nucleotide Sequence:**

>RC215370 representing NM\_001040462  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTCTCATGCTCAGTTTGGTCTGAGTCTCCTCAAGCTGGGATCAGGGCAGTGGCAGGTGTTTGGGC  
 CAGACAAGCCTGTCCAGGCTTGGTGGGGAGGACGCAGCATTCTCTGTTTCTGTCTCCTAAGACCAA  
 TGCAGAGGCCATGGAAGTGCAGTTCTTTCAGGGCCAGTTCTCTAGCGTGGTCCACCTCTACAGGACGGG  
 AAGGACCAGCCATTTATGCAGATGCCACAGTATCAAGGCAGGACAAAAGTGGTGAAGATTCTATTGCGG  
 AGGGGCGCATCTCTGAGGCTGGAAAACATTACTGTGTTGGATGCTGGCCTCTATGGGTGCAGGATTAG  
 TTCCAGTCTTACTACCAGAAGGCCATCTGGGAGCTACAGGTGTCAGACTGGGCTCAGTTCTCTCATT  
 TCCATCACGGGATATGTTGATAGAGACATCCAGCTACTCTGTCTGCTCGGGCTGGTCCCCCGGCCCA  
 CAGCGAAGTGGAAGGTCCACAAGGACAGGATTTGTCCACAGACTCCAGGACAAACAGAGACATGCATGG  
 CCTGTTTGATGTGGAGATCTCTGACCGTCAAGAGAACGCCGGGAGCATATCTGTTCCATGCGGCAT  
 GCTCATCTGAGCCGAGAGGTGGAATCCAGGGTACAGATAGGAGATACCTTTTTCGAGCCTATATCGTGGC  
 ACCTGGCTACCAAAGTACTGGGAATACTCTGCTGTGGCCTATTTTGGCATTGTTGGACTGAAGATTTT  
 CTTCTCCAAATTCAGTGGAATACTCAGGCGGAAGTGGACTGGAGAAGAAAGCACGGACAGGCAGAAATG  
 AGAGACGCCCGGAAACACGCAGTGGAGGTGACTCTGGATCCAGAGACGGCTCACCGAAGCTCTGCGTTT  
 CTGATCTGAAACTGTAAACCATAGAAAAGTCCCCAGGAGGTGCCTCACTCTGAGAAGAGATTTACAAG  
 GAAGAGTGTGGTGGCTTCTCAGAGTTTCCAAGCAGGGAACATTACTGGGAGGTGGACGGAGGACACAAT  
 AAAAGGTGGCGGTGGGAGTGTCCGGGATGATGTGGACAGGAGGAAGGAGTACGTGACTTTGTCTCCCG  
 ATCATGGGTACTGGGTCTCAGACTGAATGGAGAATTTGTATTTACATTAAATCCCCGTTTTATCAG  
 CGTCTTCCCCAGGACCCACCTACAAAATAGGGGTCTTCTGGACTATGAGTGTGGGACCATCTCCTTC  
 TTCAACATAAATGACCACTCCCTATTTATACCTGACATGTCGGTTTGAAGGCTTATTGAGGCCCTACA  
 TTGAGTATCCGTCCTATAATGAGCAAAATGGAATCCCATAGTCATCTGCCAGTCACCCAGGAATCAGA  
 GAAAGAGGCCTCTTGGCAAAGGGCCTCTGCAATCCAGAGACAAGCAACAGTGAATCCTCTCACAGGCA  
 ACCACGCCCTTCTCCCCAGGGTGAAATG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC215370 representing NM\_001040462  
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MALMLSLVL SLLKL GSGQWQVFGPDKPQALVGEDAAFSCFLSPKTNAEAMEVRFFRQGFSSVHLYRDG  
 KDQPFMQMPQYQGRKL VKDSIAEGRISLRLENITVLDAGLYGCRISQSYQKAIWELQVSALGSVPLI  
 SITGYVDRDIQLLCQSSGWFPPTAKWKGPQGDLSTDSRTNRDMHGLFDVEISLTVQENAGSISCSMRH  
 AHL SREVESRVQIGDTFFEPISWHLATKVLGILCCGLFFGIVGLKIFFSKFQWKIQAELDWRKHGQAE  
 RDARKHAVEVTLPETAHPKLCVSDLKTVTHRKAPQEVPHSEKRFTRKSVVASQSFQAGKHYWEVDGGHN  
 KRWRVGVCRDDVDRRKEYVTLSPDHGYWVLRNLNGEHL YFTLNPRFISVFPPTPTKIGVFLDYECGTISF  
 FNINDQSLIYTLTCRFEGLLRPYIEYPSYNEQNGTPIVICPVTQESEKEASWQRASAIPESSNSSQA  
 TTPFLPRGEM

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_001040462

**ORF Size:**

1500 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>NM_001040462.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>RefSeq Size:</b>  | 2052 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>   | 1503 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Locus ID:</b>     | 79908                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID:</b>   | <u>Q6UX41</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cytogenetics:</b> | 5q35.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>MW:</b>           | 56.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |