

## Product datasheet for **RC206585A1V**

### Human Calcineurin B (PPP3R1) (NM\_000945) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human Calcineurin B (PPP3R1) (NM\_000945) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** Calcineurin B  
**Synonyms:** CALNB1; CNB; CNB1  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC206585 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGGAAATGAGGCAAGTTATCCTTTGGAAATGTGCTCACACTTTGATGCGGATGAAATTAAGGCTAG  
GAAAGAGATTTAAGAAGCTTGATTTGGACAATCTGGTTCTTTGAGTGTGAAGAGTTCATGTCTCTGCC  
TGAGTTACAACAGAATCCTTTAGTACAGCGAGTAATAGATATATTCGACACAGATGGGAATGGAGAAGTA  
GACTTTAAGAATTCATTGAGGGCGTCTCTCAGTTCAGTGTCAAAGGAGATAAGGAGCAGAAATTGAGGT  
TTGCTTTCCGTATCTATGACATGGATAAAGATGGCTATATTTCCAATGGGGAACCTTCCAGGTATTGAA  
GATGATGGTGGGGAACAATCTGAAAGATACACAGTTACAGCAAATTGTAGACAAAACCATAATAAATGCA  
GATAAGGATGGAGATGGAAGAATATCCTTTGAAGAATTCTGTGCTGTTGTAGGTGGCCTAGATATCCACA  
AAAAGATGGTGGTAGATGTG

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC206585 protein sequence  
 Red=Cloning site Green=Tags(s)

MGNEASYPLEMCSHFDADEIKRLGKRFKKLDLNSGSLVVEEFMSLPELQQNPLVQRVIDIFDTDNGEV  
DFKEFIEGVSQFSVKGDKEQKLRFAPRIYDMDKDGYSISNGELFQVLKMMVGNLKDQLQIIVDKTIINA  
DKDGDGRISFEEFCVVGGLDIHKMVDV

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

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


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|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ACCN:         | NM_000945                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ORF Size:     | 510 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:       | <a href="#">NM_000945.3</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| RefSeq Size:  | 3111 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:   | 513 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Locus ID:     | 5534                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UniProt ID:   | <a href="#">P63098</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Cytogenetics: | 2p14                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MW:           | 19.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |