

## Product datasheet for **MR206500A1V**

### Mouse Serpina1b (BC049255) AAV Particle

#### Product data:

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                     |
| Product Name:             | Mouse Serpina1b (BC049255) AAV Particle                           |
| Tag:                      | Myc-DDK                                                           |
| Symbol:                   | Serpina1b                                                         |
| Synonyms:                 | PI2, Dom2                                                         |
| Mammalian Cell Selection: | None                                                              |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                        |
| ORF Nucleotide Sequence:  | >MR206500 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGACTCCCTCCATCTCATGGGGTCTACTGCTTCTGGCAGGCCTGTGTTGCCTGGTCCCCAGCTTTCTGG  
CTGAGGATGTTTCAAGGAGACAGACACCTCCCAGAAGGATCAGTCCCCAGCCTCCCATGAGATCGTACAAA  
CCTGGGAGACTTTGCAATCAGCCTATACCGGGAGCTGGTCCATCAGTCCAACACTTCCAACATCTTCTTC  
TCCCCAGTGAGCATTGCCACAGCCTTTGCTATGCTCTCCCTAGGGAGCAAGGGTGACACTCACACGCAGA  
TCCTAGAGGGCTGCAGTTCAACCTCACACAAACATCGGAGGCTGACATCCACAAGTCCCTCCAACACCT  
CCTCCAAACCCTCAACAGACCAGACAGTGAGCTGCAGTTGAGCACAGGCAATGGCCTCTTTGTCAACAAT  
GACCTGAAGCTGGTGGAGAAGTTTCTGGAAGAGGCCAAGAACCATTATCAGGCAGAAGTCTTCTGTCA  
ACTTTGCAGAGTCAGAGGAGGCCAAGAAAGTGATTAATGATTTTGTGGAGAAGGGAACCAAGGAAAGAT  
AGTTGAGGCAGTGAAAGAACTGGACCAAGACACAGTTTTTCGCCCTGGCAAATTACATTCTTTTAAAGGC  
AAATGGAAGAAGCCATTGATCTGAGAACACTGAAGAAGCTGAGTTCCACGTGGACAAGTCCACCACGG  
TGAAGGTGCCCATGATGACCCTCTCGGGCATGCTTGATGTGCACCATTCAGCACACTCTCCAGTGGGT  
GCTGCTGATGGATTACGTGGGCAACGCCAGTGCTGTCTCCTCCTGCCGAAGATGGGAAGATGCAGCAT  
CTGGAGCAAACCTCTCAGCAAGGAGCTCATCTCTAAGATCCTGCTAAACAGGCACAGAAGTTAGTCCAGA  
TCCATATCCCCAGACTGTCCATCTCTGGAGACTATAACTTGAAGACACTCATGAGTCCACTGGGCATCAC  
CCGGATCTTCAACAATGGGGCTGACCTCTCCGGAATCACAGAGGAGAATGCTCCCTGAAGCTCAGCAAG  
GCTGTGCATAAGGCTGTGCTGACCATCGATGAGACAGGAACAGAAGCTGCAGCAGCCACAGTCTTTGAAG  
CCGTTCTATGTCTATGCCCCCTATCCTGCGCTTCGACCACCTTTCTTTTATAATATTTGAAGAACA  
CACTCAGAGCCCCATCTTTGTGGGAAAAGTGAGTCCACACATAAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR206500 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MTPSISWGLLLLAGLCCLVPSFLAEDVQETDTSQKDQSPASHEIATNLGDF AISLYREL VHQSNTSNIFF<br/> SPVSIATAFAMLSLGSKGDTHQTILEGLQFNLTQTSEADIHKS FQHLLQTLNRPDSELQLSTGNGLFVNN<br/> DLKLVEKFLEEAKNHYQAEVFSVNFAESEEAKKVINDFVEKGTQGKIVEAVKELDQDTVFALANYILFKG<br/> KWKKPFPDPEENTEEAEFHVDKSTTVKVPMTLSGMLDVHHCSTLSSWVLLMDYVGNASAVFLLPEDGKMQH<br/> LEQTLSELISKILLNRHRRLLVQIHIPRLSISGDYNLKTLSPLGITRIFNNGADLSGITEENAPLKLSK<br/> AVHKAVLTIDETGTEAAAATVFEAVPMSMPPIILRFDHPFLFIIFEEHTQSPIFVGKVVDPTHK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ACCN:</b>             | BC049255                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ORF Size:</b>         | 1239 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>           | <a href="#">BC049255</a> , <a href="#">AAH49255</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>RefSeq Size:</b>      | 1589 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>RefSeq ORF:</b>       | 1241 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Locus ID:</b>         | 20701                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Cytogenetics:</b>     | 12 52.98 cM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>MW:</b>               | 45.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |