

## Product datasheet for **MR229589A1V**

### Mouse Psm�4 (NM\_001282017) AAV Particle

#### Product data:

|                          |                                                                                |
|--------------------------|--------------------------------------------------------------------------------|
| Product Type:            | AAV Particles                                                                  |
| Tag:                     | Myc-DDK                                                                        |
| Symbol:                  | Psm�4                                                                          |
| Synonyms:                | Afl; angiocidin; Mcb1                                                          |
| Mammalian Cell           | None                                                                           |
| Selection:               |                                                                                |
| Vector:                  | pAAV-AC-Myc-DDK (PS100089)                                                     |
| ORF Nucleotide Sequence: | >MR229589 representing NM_001282017<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**

ATGGTGTGGAGAGCACTATGGTTTGTGTGGACAACAGTGAGTACATGCGGAACGGAGACTTCCTTCCCA  
CCCGGCTGCAGGCCAGCAGGATGCCGTCAACATTGTATGTCACTCAAAGACCCGAAGCAACCTGAGAA  
TAACGTGGGCTGATCACAAGTGGCAATGACTGTGAGGTGCTGACCACACTCACCCCGGACACTGGCCGT  
ATCCTCTCCAAGCTCCACACTGTCCAACCCAAAGGCAAGATCACCTTCTGCACTGGCATCCGCGTGGCCC  
ACTTGGCTCTGAAGCACCGGCAGGGCAAGAATCACAAGATGCGCATCATCGCCTTTGTCGGTAGCCCTGT  
GGAGACAACGAGAAGGATCTGGTGAACCTAGCTAAACGCCTTAAGAAAGAAAAAGTGAATGTTGACATC  
ATTAATTTTGGGGAAGAGGAGGTGAACACAGAGAAGCTGACAGCCTTTGTGAACACACTGAATGGCAAGG  
ATGGAAGTGGTCCCATCTAGTGACAGTGCCTCCTGGACCTAGCTTGGCTGATGCTCTCATCAGTTCTCC  
TATTCTGGCTGGTGAAGCGGTGCCATGCTGGGTCTTGGTGCCAGTGACTTTGAGTTTGGAGTAGATCCC  
AGTGCTGATCCTGAATTGGCCCTGGCCCTTCGAGTCTCTATGGAAGAGCAGCGGCAGCGCAGGAGGAAG  
AGGCACGGCGGGCCGCTGCGGCCTCTGCAGCTGAGGCTGGAATTGCTACACCTGGGACTGAAGGTGAAAG  
AGACTCGGATGACGCCCTACTGAAGATGACCATCAACCAGCAGGAGTTTGGCCGCTCCTGGGCTTCCAGAC  
CTAAGCAGCATGACTGAGGAAGAGCAGATCGCCTACGCCATGCAGATGTCCCTGCAGGGAACAGAGTTTA  
GCCAAGAATCGGCTGACATGGATGCCAGCTCAGCCATGGACACATCTGATCCAGTCAAGGAGGAGGATGA  
CTATGACGTATGCAGGACCCGGAGTTCTTTCAGAGCGTCTAGAGAACCTTCCAGGTGTGGATCCCAAC  
AATGCAGCCATTGCAAGTGTCTGAGGGCTCTGGCCTCCAGGCCACCAAGGATGGCAAGAATGACAAGA  
AAGAGGAAGAGAAGAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR229589 representing NM_001282017</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MVLESTMVCVDNSEYMRNGDFLPTRLQAQQDAVNIVCHSKTRSNPENNVGLITLANDCEVLTTLPDGTGR<br/> ILSKLHTVQPKGKITFCTGIRVAHLALKHRQGKNHKMRIIAFVGSPVEDNEKDLVKLAKRLKKEKYNVDI<br/> INFGEDEVNTEKL TAFVNTLNGKDGTSGLVTVPPGPSLADALISSPILAGEGGAMLGLGASDFEFGVDP<br/> SADPELALALRVSMEEQRQRQEEEEARRAAAASAAEAGIATPGTEGERDSDALLKMTINQQEFGRGPLPD<br/> LSSMTREEQIAYAMQMSLQGTFSQESADMDASSAMDTSDPVKEEDDYDVMQDPEFLQSVLENLPGVDPN<br/> NAAIRSVMGALASQATKDGKNDKKEEEKK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ACCN:</b>             | NM_001282017                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ORF Size:</b>         | 1137 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_001282017.1, NP_001268946.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>RefSeq Size:</b>      | 1344 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>RefSeq ORF:</b>       | 1140 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Locus ID:</b>         | 19185                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>UniProt ID:</b>       | <u>O35226</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Cytogenetics:</b>     | 3 40.74 cM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>MW:</b>               | 41 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |