

## Product datasheet for **MR205558A1V**

### Mouse Nsdhl (NM\_010941) AAV Particle

#### Product data:

|                |                                    |
|----------------|------------------------------------|
| Product Type:  | AAV Particles                      |
| Tag:           | Myc-DDK                            |
| Symbol:        | Nsdhl                              |
| Synonyms:      | AI747449; Bpa; H105E3; Str; XAPI04 |
| Mammalian Cell | None                               |
| Selection:     |                                    |
| Vector:        | pAAV-AC-Myc-DDK (PS100089)         |

**ORF Nucleotide Sequence:** >MR205558 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGAACAAGCTGTTTCATGGTGAATCAAAGCGAGGCCAGGTCACAGGAACACATTTGACAAATGACATTT  
CCAAAGCTAAGAAGTCACAGTGATTGGAGGCTCTGGGTTCTGGGCAGCACATGGTGAGCAGTTGCT  
GGAGCGAGGCTATACTGTCAATGTATTTGATATCCACCAAGGCTTTGATAACCCCGGGTGCAAGTTCTTT  
ATAGGCGACCTGTGCAACCAACAGGACCTGTACCCAGCTCTCAAAGGTGTAAGCATAGTTTTCCACTGCG  
CGTCCCCTCCGCCGTACAGTAACAACAAGGAGCTCTTTATAGAGTGAATTTTCATTGGCACCAAGACTGT  
CATTGAAACCTGCAGAGAGGCCGGAGTTCAGAACTCATTTTAACCAGCAGTGCCAGTGTGCTTTGAG  
GGTGTTGACATAAAAAATGGAAGTGAAGACCTCCCTTACGCCATGAAGCCTATTGACTATTACACAGAGA  
CCAAGATCTTGCAAGAGAGAGCAGTACTGGATGCCAACGACCTAAGAAGAATTTTTTAACCGCAGCCAT  
TCGTCCTCATGGCATTTTCGGCCCAAGGGACCCCAAGTTGGTCCCAATCCTAATTGATGCAGCTAGAAAG  
GGCAAAATGAAGTTCATGATTGGAATGGGAAAACCTGGTGGACTTCACCTTCGTGGAGAATGTGGTTC  
ATGGACACATCTTAGCCGCTGAGCACCTCTCCCAAGATGCAGCTCTAGGTGGAAGGCATTTACATCAC  
CAACGATGAACCAATCCCTTTCTGGACGTTCTGTCCCGCATTCTGACAGGCCTCAATTATGAGGCCCT  
AAGTACCACATCCCCTACTGGATGGCTATTACCTTGCTTTCTGCTATCTCTACTGGTGATGGTGGTCA  
GCCCTCTCATCAAATCCAGCCAACCTTTACACCAATTCGAGTGGCATTGGCTGGAACATTCCACTATTA  
CAGTTGTGAAAAAGCCAAAAAGCTCTTTGGGTACCGGCCACTGGTCACCATGGATGAAGCTGTGGAAGG  
ACTGTGCAGAGTTTCCACCACCTGCGGAAGGACAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR205558 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MEQAVHGESKRGQVTGTHLTNDISKAKKCTVIGGSGFLGQHMVEQLLERGYTVNVFDIHQGFDPNPRVQFF<br/> IGDLNQQDLYPALKGVSIVFHCASPPYSNNKELFYRVNFIGTKTVIETCREAGVQKLILTSSASVVF<br/> GVDIKNGTEDLPYAMKPIDYYTETKILQERAVLDANDPKKNFLTAAIRPHGIFGPRDPQLVPILIDAARK<br/> GKMKFMIGNGENLVDTFVENVVHGHILAAEHLSDAALGGKAFHITNDEPIPFWTFLSRILTGLNVEAP<br/> KYHIPYWMAYYLAFLLSLLVMVVSPLIQIPTFTPIRVALAGTFHYYSCEKAKKLFGRPLVTMDEAVER<br/> TVQSFHHLRKDK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ACCN:</b>             | NM_010941                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ORF Size:</b>         | 1086 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_010941.3, NP_035071.3</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RefSeq Size:</b>      | 2218 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>       | 1089 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Locus ID:</b>         | 18194                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID:</b>       | <u>Q9RIJ0</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cytogenetics:</b>     | X 37.29 cM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>MW:</b>               | 40.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |