

Product datasheet for **MR216722A1V**

Mouse Gpx5 (NM_010343) AAV Particle

Product data:

Product Type: AAV Particles
Tag: Myc-DDK
Symbol: Gpx5
Synonyms: Arep; AV379049
Mammalian Cell None
Selection:
Vector: pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >MR216722 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTTACAGAGTTAAGAGTCTTCTATCTTGTCCACTTCTTCTAGCCAGCTATGTGCAGACAACCCCCA
GGCCGAAAAAGATGAAGATGGACTGCTACAAAGACGTGAAAGGCACCATCTACGACTATGAGGCTCTGTC
TCTTAATGGGAAGGAACACATTCCATTCAAGCAGTATGCAGGAAAGCACGTCCTCTTTGTCAATGTGGCT
ACCTATTGGGCTCTGACAATCCAGTACCCTGAGCTGAATGCACTCCAGGAGGATCTGAAGCCATTGGCT
TGGTTATATTGGGCTTTCCCTGCAACCAATTTGGAAAGCAAGAACCAGGAGACAATTAGAGATTCTTCC
TGGGCTCAAGTATGTTTCGTCAGGAAAAGGTTTACCTAACTTCCAGCTTTTGCAAAAGGGGATGTA
AATGGTGAAAACGAGCAGAAAATCTTCACCTTCTGAAGCGTTCTGTCTCACCCCTCAGAGACTGTGG
TCATGAGCAAAACATACCTTCTGGGAGCCAATAAAAGTCCATGACATCCGCTGGAACCTTGAGAAGTTCCT
GGTGGGACCCGATGGCGTCCCTGTCATGCGCTGGTTCACCAGGCTCCTGTCAGCACTGTCAAGTCTGAC
ATCATGGCGTACCTGAGCCATTCAAACCATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR216722 protein sequence
Red=Cloning site Green=Tags(s)

MVTELRFVYLVPLLLASYVQTTPRPEKMKMDCYKDVKGTYDYEALSLNGKEHIPFKQYAGKHVLFVNVA
TYCGLTIQYPELNALQEDLKPFGLVILGFPCNQFGKQEPGDNLEILPGLKYVRPGKGFLLPNFQLFAKGDV
NGENEQKIFTFLKRSCPHPSETVVMKHTFWEPKIVHDIRWNFEKFLVGPDPVPMRWFHQAPVSTVKSD
IMAYLSHFKEI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_010343
ORF Size:	663 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:	<u>NM_010343.2, NP_034473.2</u>
RefSeq Size:	1629 bp
RefSeq ORF:	666 bp
Locus ID:	14780
UniProt ID:	<u>P21765</u>
Cytogenetics:	13 7.73 cM
MW:	25.4 kDa