

Product datasheet for **RC209365A1V**

Human Glutathione Peroxidase 2 (GPX2) (NM_002083) AAV Particle

Product data:

Product Type: AAV Particles

Tag: Myc-DDK

Symbol: Glutathione Peroxidase 2

Synonyms: GI-GPx; GPRP; GPRP-2; GPx-2; GPx-GI; GSHPx-2; GSHPX-GI

Mammalian Cell None

Selection:

Vector: pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC209365 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTTTTCATTGCCAAGTCCTTCTATGACCTCAGTGCCATCAGCCTGGATGGGAGAAGGTAGATTTC
ATACGTTCCGGGGCAGGCGGTGCTGATTGAGAATGTGGCTTCGCTCTGAGGCACAACACCCGGGACTT
CACCCAGCTCAACGAGCTGCAATGCCGCTTCCAGGCGCCTGGTGGTCTTGGCTTCCCTTGCAACCAA
TTTGGACATCAGGAGAAGTGTGAGAATGAGGAGATCCTGAACAGTCTCAAGTATGTCCGTCCTGGGGGTG
GATACCGCCACCTTACCCTTGTCCAAAAATGTGAGGTGAATGGGCAGAACGAGCATCCTGTCTTCGC
CTACCTGAAGGACAAGCTCCCTACCCTTATGATGACCCATTTCCCTCATGACCGATCCCAAGCTCATC
ATTTGGAGCCCTGTGCGCCGCTCAGATGTGGCCTGGAACCTTGAGAAGTTCCTCATAGGGCCGAGGGAG
AGCCCTTCCGACGCTACAGCCGACCTTCCAACCATCAACATTGAGCCTGACATCAAGCGCCTCCTTAA
AGTTGCCATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC209365 protein sequence
Red=Cloning site Green=Tags(s)

MAFIAKSFYDLAISLDGEKVDNFTFRGRAVLIENVASL*GTTTRDFTQLNELQCRFPRLVVLGFPCNQ
FGHQENCQNEEILNSLKYYVRPGGYQPTFTLVQKCEVNGQNEHPVFAYLKDKLPYPYDDPFSLMTPDKLI
IWSPVRRSDVAWNFEKFLIGPEGEFRRYSRTFPTINIEPDIKRLKVAI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human



Serotype:	AAV-2
ACCN:	NM_002083
ORF Size:	570 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:	NM_002083.2
RefSeq Size:	1105 bp
RefSeq ORF:	573 bp
Locus ID:	2877
UniProt ID:	P18283
Cytogenetics:	14q23.3