

Product datasheet for **RC208065A1V**

Human Glutathione Peroxidase 4 (GPX4) (NM_002085) AAV Particle

Product data:

Product Type: AAV Particles

Tag: Myc-DDK

Symbol: Glutathione Peroxidase 4

Synonyms: GPx-4; GSHPx-4; MCSP; PHGPx; SMDS; snGPx; snPHGPx

Mammalian Cell None

Selection:

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

ORF Nucleotide Sequence: >RC208065 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCCTCGGCCGCCTTTGCCGCCTACTGAAGCCGGCGCTGCTCTGTGGGGCTCTGGCCGCGCCTGGCC
TGGCCGGGACCATGTGCGCGTCCCGGACGACTGGCGCTGTGCGCGCTCCATGCACGAGTTTCCGCCAA
GGACATCGACGGGCACATGGTTAACCTGGACAAGTACCGGGGCTTCGTGTGCATCGTCACCAACGTGGCC
TCCCAGTGAGGCAAGACGAAGTAACTACACTCAGCTCGTCGACCTGCACGCCGATACGCTGAGTGTG
GTTTGGCGATCCTGGCCTTCCCGTGTAAACAGTTCGGGAAGCAGGAGCCAGGGAGTAACGAAGAGATCAA
AGAGTTCGCCCGGGCTACAACGTCAAATTCGATATGTTAGCAAGATCTGCGTGAACGGGACGACGCC
CACCCGCTGTGGAAGTGGATGAAGATCCAACCAAGGGCAAGGGCATCCTGGGAAATGCCATCAAGTGA
ACTTCACCAAGTTCCTCATCGACAAGAAGCGCTGCGTGGTGAAGCGCTACGGACCCATGGAGGAGCCCT
GGTGATAGAGAAGGACCTGCCCACTATTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGAAATGATATCCTGGATT
ACAAGGATACGACGATAAGGTTTAA

Protein Sequence: >RC208065 protein sequence
Red=Cloning site Green=Tags(s)

MSLGRLCRLKPLLALCGALAAPGLAGTMCASRDDWRCARSMHEFSAKDIDGHMVNLKYRGFVCIIVNVA
SQ*GKTEVNYTQLVDLHARYAECGLRILAFPCNQFGKQEPGSNEEIKEFAAGYNVKFDMFSKICVNGDDA
HPLWKWMKIQPKGKILGNAIKWNFTKFLIDKNGCVVKRYGPMEEPLVIEKDLPHYF

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species: Human



Serotype:	AAV-2
ACCN:	NM_002085
ORF Size:	591 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_002085.3
RefSeq Size:	936 bp
RefSeq ORF:	594 bp
Locus ID:	2879
UniProt ID:	P36969
Cytogenetics:	19p13.3