

Product datasheet for **RC207758A1V**

Human Glutathione Peroxidase 3 (GPX3) (NM_002084) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Glutathione Peroxidase 3
Synonyms:	GPx-P; GSHPx-3; GSHPx-P
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC207758 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCCCGGCTGCTGCAGGCGTCTGCCTGCTTTCCCTGCTCCTGGCCGGCTTCGTCTCGCAGAGCCGGG
GACAAGAGAAGTGAAGATGGACTGCCATGGTGGCATAAGTGGCACCATTACGAGTACGGAGCCCTCAC
CATTGATGGGAGGAGTACATCCCCTTCAAGCAGTATGCTGGCAAATACGTCCTTTGTCAACGTGGCC
AGCTACTGAGGCGTACGAGGCCAGTACATTGAAGTGAATGCACTACAGGAAGAGCTTGCACCATTCGGTC
TGGTCATTCTGGGCTTTCCCTGCAACCAATTTGGAAAACAGGAACAGGAGAGAAGTACAGATCCTTCC
TACCCTCAAGTATGTCCGACCAGGTGGAGGCTTTGTCCCTAATTTCCAGCTCTTGAGAAAGGGGATGTC
AATGGAGAGAAAGAGCAGAAATCTACACTTTCTAAAGAACTCCTGTCTCCACCTCGGAGCTCTGG
GTACATCTGACCGCTCTTCTGGGAACCATGAAGTTACGACATCCGCTGGAACCTTGAGAAAGTTCCT
GGTGGGCGCAGATGGTATACCATCATGCGCTGGCACCACCGACCACGGTCAGCAACGTCAAGATGGAC
ATCCTGTCTACATGAGGCGGCAGGCAGCCCTGGGGTCAAGAGGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC207758 protein sequence
Red=Cloning site Green=Tags(s)

MARLLQASCLLSLLLAGFVSQSRGQEKSKMDCHGGISGTIYEYGALTIDGEEYIPFKQYAGKYVLFVNVA
SY*GLTGQYIELNALQEELAPFGLVILGFPCNQFGKQEPGENSEILPTLKYYVRPGGGFVFNFLFEKGDV
NGEKEQKFYTLKNSCPPTSELLGTSDFWEPMKVHDIRWNFEKFLVGPDGIPIMRWHHRTTVSNVKMD
ILSYMRRQAALGVKRRK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



Species:	Human
Serotype:	AAV-2
ACCN:	NM_002084
ORF Size:	678 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_002084.3
RefSeq Size:	1779 bp
RefSeq ORF:	681 bp
Locus ID:	2878
UniProt ID:	P22352
Cytogenetics:	5q33.1
MW:	25.5 kDa