

Product datasheet for **RC231650A1V**

Human Glutaredoxin 1 (GLRX) (NM_001243659) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human Glutaredoxin 1 (GLRX) (NM_001243659) AAV Particle
Tag: Myc-DDK
Symbol: Glutaredoxin 1
Synonyms: GRX; GRX1
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC231650 representing NM_001243659
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCAAGAGTTTGTGAAGTCAAAAATCCAGCCTGGGAAGGTGGTTGTGTTTCATCAAGCCACCTGCC
 CGTACTGCAGGAGGGCCCAAGAGATCCTCAGTCAATTGCCATCAAACAAGGGCTTCTGGAAATTTGTCGA
 TATCACAGCCACCAACCACTAACGAGATTCAAGATTATTTGCAACAGCTCACGGGAGCAAGAACGGTG
 CCTCGAGTCTTTATTGGTAAAGATTGTATAGGCGGATGCAGTGATCTAGTCTCTTTGCAACAGAGTGGGG
 AACTGCTGACGGGCTAAAGCAGATTGGAGCTCTGCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC231650 representing NM_001243659
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MAQEFVNCKIQPGKVVVFIKPTCPYCRRAQEILSQLPIKQGLLEFVDITATNHTNEIQDYLLQLTGARTV
 PRVFIGKDCIGGCSLVSLLQSGELLTRLKQIGALQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_001243659
ORF Size: 318 bp



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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_001243659.1</u> , <u>NP_001230588.1</u>
RefSeq Size:	1090 bp
RefSeq ORF:	321 bp
Locus ID:	2745
UniProt ID:	<u>P35754</u>
Cytogenetics:	5q15
MW:	11.8 kDa