

Product datasheet for **RC231233A1V**

Human Glutathione Reductase (GSR) (NM_001195104) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Glutathione Reductase (GSR) (NM_001195104) AAV Particle
Tag:	Myc-DDK
Symbol:	Glutathione Reductase
Synonyms:	GR; GSRD; HEL-75; HEL-S-122m
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC231233 representing NM_001195104 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCCTGCTGCCCCGAGCCCTGAGCGCCGGCGCGGGACCGAGCTGGCGGCGGGCGGCGCGCCTTCC
GAGGCTTCCTGCTGCTTCTGCCCGAGCCCGCGGCCCTCACGCGCGCCCTCTCCCGTGCCATGGCCTGCAG
GCAGGAGCCGAGCCGAGGGCCCGCCCGCCGCTGCTGGCGCCGTGGCCTCCTATGACTACCTGGTGATC
GGGGGCGGCTCGGGCGGGCTGGCCAGCGCGCGCAGGGCGGCCGAGCTGGTGCCAGGGCCGCGCTGGTGG
AGAGCCACAAGCTGGGTGGCATTGCGTGAATGTTGGATGTGTACCCAAAAGGTAATGTGGAACACAGC
TGTCCTCTCTGAATTCATGCATGATCATGCTGATTATGGCTTTCCAAGTTGTGAGGGTAAATTCAATTGG
CGTGTTATTAAGGAAAAGCGGGATGCCTATGTGAGCGCCTGAATGCCATCTATCAAAACAATCTCACCA
AGTCCCATATAGAAATCATCCGTGGCCATGCAGCCTTCACGAGTGATCCCAAGCCCAATAGAGGTCAG
TGGGAAAAGTACACCGCCACACATCCTGATCGCCACAGGTGGTATGCCCTCCACCCCTCATGAGAGC
CAGATCCCGGTGCCAGCTTAGGAATAACCAGCGATGGATTTTTTCAGCTGGAAGAATTGCCCGCCGCA
GCGTCATTGTTGGTGCAGTTACATTGCTGTGGAGATGGCAGGGATCCTGTCAGCCCTGGGTTCTAAGAC
ATCACTGATGATACGGCATGATAAGGGGATTCAAACCGATGACAAGGGTCATATCATCGTAGACGAATTC
CAGAATACCAACGTCAAAGGCATCTATGCAGTTGGGGATGTATGTGAAAAGCTCTTCTTACTCCAGTTG
CAATAGCTGCTGGCCGAAAACCTGCCATCGACTTTTTGAATATAAGGAAGATCCAAATTAGATTATAA
CAACATCCCACTGTGGTCTTCAGCCACCCCTATTGGGACAGTGGGACTCACGGAAGATGAAGCCATT
CATAAATATGGAATAGAAAATGTGAAGACCTATTCAACGAGCTTTACCCCGATGTATCACGCAGTTACCA
AAAGGAAAACAAAATGTGTGATGAAAATGGTCTGTGCTAACAAGGAAGAAAAGGTGGTTGGGATCCATAT
GCAGGGACTTGGGTGTGATGAAATGCTGCAGGGTTTTGCTGTTGCAGTGAAGATGGGAGCAACGAAGGCA
GACTTTGACAACACAGTCGCCATTACCCCTACCTCTTCAGAAGAGCTGGTCACACTTCGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC231233 representing NM_001195104 Red=Cloning site Green=Tags(s) MALLPRALSAGAGPSWRRARAARFRGFLLLLPEPAALTRALSRAMACRQEPQPQGPAAAGAVASYDYLLVI GGGSGGLASARRAAELGARAAVVESHKLGCTCVNVGCVPKVMWNTAVHSEFMHDHADYGFPSCGKFNW RVIKEKRDAYVSRNLAIYQNNLTSHIEIIRGHAAFTSDPKPTIEVSGKKYTAPHIL IATGGMPSTPHES QIPGASLGITSDGFFQLEELPGRSVIVGAGYIAVEMAGILSALGSKTSLMIRHDKGIQTDDKGHIIVDEF QNTNVKGIYAVGDVCGKALLTPVAIAAGRKL AHRLFEYKEDSKLDYNNIPTVVF SHPPIGTVGLTEDEAI HKYGIENVKTYSTSFTPMYHAVTKRKT CVMKMCANKEEKVVG IHMQLGCD EMLQGF AVAVKMGATKA DFDNTVAIHPTSSEELVTLR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001195104
ORF Size:	1320 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_001195104.1
RefSeq ORF:	1323 bp
Locus ID:	2936
UniProt ID:	P00390
Cytogenetics:	8p12
MW:	47.7 kDa