

Product datasheet for RC210945A1V

Human GATA4 (NM_002052) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human GATA4 (NM_002052) AAV Particle
Tag: Myc-DDK
Symbol: GATA4
Synonyms: ASD2; TACHD; TOF; VSD1
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC210945 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTATCAGAGCTTGCCATGGCCGCAACCACGGGCCGCCCCCGGTGCCTACGAGGGGGCGGCCCG
GCGCCTTCATGCACGGCGGGCGCCGCGTCTCGCCAGTCTACGTGCCACACCGCGGTGCCCTCCT
CGTGCTGGGCTGTCTACCTCCAGGGCGGAGCGCGGCTCTGCGTCCGGAGGCGCCTCGGGCGGCAGC
TCCGGTGGGGCCGCGTCTGGTGGGGGGCCGGGACCCAGCAGGGCAGCCCGGATGGAGCCAGGCGGGAG
CCGACGGAGCCGCTTACACCCCGCCGCGGTGTCGCCGCGCTTCTCCTTCCCGGGACCCCGGTCCT
GGCGGCCGCGCCGCGCTGCCGCGGCCGGAAGCTGCGGCCTACAGCAGTGGCGGCGAGCGGGGTT
GCGGGCTGGCGGGCCGAGCAGTACGGGCGCGCGGCTTCCGCGGCTCCTACTCCAGCCCTACCCGG
CTTACATGGCCGACGTGGGCGCGTCTGGGCGCAGCCGCCGCGCTCCGCGGCCCTTCGACAGCC
GGTCTGCACAGCCTGCCCGCCGGGCAACCCGGCCCGCACCCCAATCTCGATATGTTTGACGAC
TTCTCAGAAGGCAGAGTGTGTCAACTGTGGGCTATGTCCACCCGCTTGGAGGCGAGATGGGACGG
GTCATATCTGTGCAACGCTGCGGCTCTACCACAAGATGAACGGCATCAACCGCCGCTCATCAAGCC
TCAGCGCCGGCTGTCCGCTCCCGCGAGTGGGCTCTCTGTGCCAAGTCCAGACCACCACCACG
CTGTGGCGCCGCAATGCGGAGGGCGAGCCTGTGTGCAATGCCTGCGGCTCTACATGAAGCTCCAGGGG
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ATCTAAGACACCAGCAGCTCCTTCAGGAGTGAGAGCCTTCTCCCGCCAGCGGTGCTTCCAGCAACTCC
AGCAACGCCACCACCAGCAGCAGCGAGGAGATGCGTCCCATCAAGACGGAGCCTGGCCTGTCTCACT
ACGGGCACAGCAGCTCCGTGTCCAGACGTTCTCAGTCAGTGGATGTCTGGCCATGGGCCCTCCATCCA
CCCTGTCTCTCGGCCCTGAAGCTCTCCCCACAAGGCTATGCGTCTCCGTCAGCCAGTCTCCACAGACC
AGCTCCAAGCAGGACTTTGGAACAGCCTGGTCTTGGCCGACAGTCACGGGGACATAATCACTGCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAAGTTTAA



Protein Sequence:	>RC210945 protein sequence Red=Cloning site Green=Tags(s) MYQSLAMAANHGPPPGAYEAGGPGAFMHGAGAASSPVYVPTPRVPSSVLGLSYLQGGGAGSASGGASGGS SGGAASGAGPGTQQGSPGWSQAGADGAAYTPPVSPRFSFGTTGSLAAAAAAAAAREAAAYSSGGAAG AGLAGREYGRAGFAGSYSSPYPAYMADV GASWAAAAASAGPFDSPVLHSLPGRANPAARHPNLDMFDD FSEGRECVNCGAMSTPLWRRDGTGHYLCNACGLYHKMNGINRPLIKPQRRLSASRRVGLSCANCQTTTTT LWRRNAEGEPVCNACGLYMKLHGVPRLAMRKEGIQTRKRKPKNLNKS KTPAAPSGSESLPPASGASSNS SNATTSSSEEMRPIKTEPGLSSHYGHSSVSQTFSVSAMS GHGPSIHPVLSALKLSPQGYASPVSQSPQT SSKQDSWNSLVLADSHGDIITA TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002052
ORF Size:	1326 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_002052.2
RefSeq Size:	3419 bp
RefSeq ORF:	1329 bp
Locus ID:	2626
UniProt ID:	P43694
Cytogenetics:	8p23.1
MW:	44.6 kDa