

Product datasheet for **RC209622A1V**

Human GAB1 (NM_207123) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GAB1 (NM_207123) AAV Particle
Tag:	Myc-DDK
Symbol:	GAB1
Synonyms:	DFNB26
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209622 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGCGGTGGTGAAGTGGTCTGCTCCGGATGGCTCCGCAAGTCCCCCGGAGAAAAAGTTGAAGCGTT
ATGCATGGAAGAGGAGATGGTTCTGTGTTACGCAGTGGCGTTTAACTGGAGATCCAGATGTTTGGAAATA
TTACAAAAATGATCATGCCAAGAAGCCTATTCGTATTATTGATTAAATTTATGTCAACAAGTAGATGCT
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TCTACTTGGTAGCAGACAGCGAGGAGGAGATGAATAAGTGGGTTCGTTGTATTTGTGACATCTGTGGGT
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AAAAGATGCTAGTTCTCAAGACTGCTATGATATTCACGAGCATTTCCAAGTGATAGATCTAGTTCACTT
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CAAACCCCATGGTTTAGAGCGAACTGATTCACAAACCATAGGTGACTTTGCTACAAGAAGAAAGGTCAAG
CCAGCGCCTTTAGAAATAAACCTTTGCCAGAATGGGAAGAATTACAAGCCCCAGTTAGATCTCCCATCA
CTAGGAGTTTTGCTCGAGACTCTTCCAGGTTTCCCATGTCCCCCGACCAGATTCAAGTGCATAGCACAAC
TTCAAGCAGTGACTCACACGACAGTGAAGAGAATTATGTTCCCATGAACCCAAACCTGTCCAGTGAAGAC
CCAAATCTCTTTGGCAGTAACAGTCTTGATGGAGGAAGCAGCCCTATGATCAAGCCCAAAGGAGACAAAC
AGGTGGAATACTTAGATCTCGACTTAGATTCTGGGAAATCCACACCACCAGTAAGCAAAAGAGCAGTGG
CTCAGGCAGCAGTGTAGCAGATGAGAGAGTGGATTATGTTGTTGTTGACCAACAGAAGACCTTGGCTCTA
AAGAGTACCGGGAAGCCTGGACAGATGGGAGACAGTCCACAGAATCAGAAACGCCAGCGAAGAGTGTGA
AA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC209622 protein sequence Red=Cloning site Green=Tags(s) MSGGEVVCSGWLRKSPPEKKLKRYAWKRRWFVLRSGRLTGDPDVLEYKNDHAKKPIRIIDLNLCCQVDA GLTFNKKEFENSYIFDINTIDRIFYLVADSEEMNKWVRCICDICGFNPTEEDPVKPPGSSLQAPADLPL AINTAPPSTQADSSSATLPPPYQLINVPPhLETlGIQEDPQDYLLLINCQSKKPEPTRTHADSAKSTSSE TDCNDNVPSHKNPASSQSKHGMNGFFQQQMIYDSPPSRAPSASVDSSLYNLPRSYSHDVLPKVSPSSTE DGELYVFNTPSGTSSVETQMRHVSISYDIPPTPGNTYQIPRTFPEGTLGQTSKLDITPDIPPPRPKPHP AHDRSPVETCSIPRTASDTDSSYCIPTAGMSPSRSTISTVDLNLKRKDASSQDCYDIPRAFPSSDRSSSL EGFHNHFVKVNLTVGSVSSEELDENYVPMNPNSPPRQHSSSFTEPIQEANYVPMTPGTDFDSSFGMQVP PPAHMGRSSPKTPRRPVVADCEPPVDRNLKPDRKGQSPKILRLKPHGLERTDSQTIGDFATRRKVK PAPLEIKPLPEWEELQAPVRSPITRSFARDSSRFPMSPRPDSVHSTTSSSDSHDSEENYVPMNPNSSED PNLFGSNSLDGGSSPMIKPKGDKQVEYLDLDDSGKSTPPRKQKSSGSGSVADERVYVVVDQKTLAL KSTREAWTDGRQSTESETPAKSVK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_207123
ORF Size:	2172 bp
Buffer:	PBS with 0.001% Pluronic F6472
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_207123.1</u>
RefSeq Size:	7926 bp
RefSeq ORF:	2175 bp
Locus ID:	2549
UniProt ID:	<u>Q13480</u>
Cytogenetics:	4q31.21
MW:	80 kDa