

Product datasheet for **RC204152A1V**

Human GBE1 (NM_000158) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GBE1 (NM_000158) AAV Particle
Tag:	Myc-DDK
Symbol:	GBE1
Synonyms:	APBD; GBE; GSD4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC204152 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCGGCTCCGATGACTCCCGGGCTCGGCCGAGGACTACGAGGCGGCGCTCAATGCCGCCCTGGCTG
ACGTGCCCGAACTGGCCAGACTCCTGGAGATCGACCCGTAATTGAAGCCCTACGCCGTGGACTTCCAGCG
CAGGTATAAGCAGTTTAGCCAAATTTGAAGAACATTGGAGAAAATGAAGGTGGTATTGATAAGTTTTCC
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GAGCAGAAGGAGTTTTCTTACTGGAGATTTAATGGTTGGAATCCATTTTCGTACCCATACAAAAAAT
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ACATGAAGGCAATAAGATCATTGCTTTTGAAGAGCAGGTCTTCTTTTCAATTTCCATCCAAGC
AAGAGCTACACTGACTACCGAGTTGGAACAGCATTGCCAGGGAATTCAAAATTGTGCTAGATTAGATG
CAGCGGAATATGGAGGGCATCAGAGACTGGACCACAGCACTGACTTTTTTTCTGAGGCTTTTGAACATAA
TGGGCGTCCCTATTCTTTTGGTGTACATTCCAAGCAGAGTGGCCCTCATCCTCAGAATGTGGATCTG
CCGAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC204152 protein sequence Red=Cloning site Green=Tags(s) MAAPMTPAARPEDYEALNAALADVPELARLLEIDPYLKPYAVDFQRRYKQFSQILKNIGENEGGIDKFS RGYESFGVHRCADGGLYCKEAWPGAEGVFLTGDFNGWNPFSYPYKKLDYKWELYIPPKQNKSVLVPHGS KLKVVITSKSGEILYRISPWAKYVVREGDNVNYDWHWDPEHSYEFKHSRPPKPRSLRIYESHVGISSE GKVASYKHFTCNVLPRIKGLGYNCIQLMAIMEHAYYASFGYQITSFFAASSRYGSPEELQELVDTAHS MGIIIVLLDVVHSHASKNSADGLNMFDTGSCYFHSRGTDLWDSRLFAYSSWEVLRFLLSNIRWWLEEYR FDGFRFDGVTSMLYHHHGVGGFSGDYSEYFGLQVDEDAITLMLANHLVHTLCPDSITIAEDVSGMPAL CSPISQGGGGFDYRLAMAIPDKWIQLLKEFKDEDWNMGDIVYTLNRRYLEKCIAYAESHQALVGDKSL AFWLMDAEMYTNMSVLTPFTPIDRGIQLHKMIRLITHGLGEGYLNFMGNEFGHPEWDFPRKGNNE SYHYARRQFHLTDDDLLRYKFLNNFDRDMNRLERYGWLAAQAYVSEKHEGNKIIAFERAGLLFIFNFHPS KSYTDYRVGTALPGFKIVLSDAAEYGGHQRLDHSTDFSEAFEHNGRPYSLLVYIPSRVALILQNVDL PN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000158
ORF Size:	2106 bp
Buffer:	PBS with 0.001% Pluronic F5528
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_000158.2</u>
RefSeq Size:	3118 bp
RefSeq ORF:	2109 bp
Locus ID:	2632
UniProt ID:	<u>Q04446</u>
Cytogenetics:	3p12.2
MW:	80.4 kDa