

Product datasheet for **RC225601A1V**

Human **BIGM103 (SLC39A8) (NM_001135148) AAV Particle**

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	BIGM103
Synonyms:	BIGM103; CDG2N; LZT-Hs6; PP3105; ZIP8
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC225601 representing NM_001135148
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGCACCAACACGCTCAGTGTTAACTGCTGAAGAGATCTTTCCCTTCATGGCTTTCAAATGCTACCC
AAATAACCAGCTCCAAATCTCTGTCATCTGTCCAGCAGTCTTACAGCAATTGAATTTACCCCATGTGA
GGATCGGCCCAAGCACAAAACAAGACCAAGTCATTGAGAAAGTTGGGGATATGGATTCTGTGAGTGACG
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GACATGCTATGCAATCCTGCTGTACAGAAAGCTAATGGACATATCCATTTGATAATGTCAGTGTGGTA
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC225601 representing NM_001135148 Red=Cloning site Green=Tags(s) MHQHAQCLTAEEIFSLHGFSNATQITSSKFSVICPAVLQQLNFHPCEDRPKHKTRPSHSEVWGYGFLSVT IINLASLLGLILTPLIKKSYFPKILTFVGLAIGTLFSNAIFQLIPEAFGDPKVDSDYVEKAVAVFGGFY LLFFFERMLKMLLKTGQNGHTHFGNDNFGPQEKTHQPKALPAINGVTCYANPAVTEANGHIHFDNVSIV SLQDGKKEPSSCTCLKGPKLSEIGTIAWMITLCDALHNFIDGLAIGASCTLSLLQGLSTSIAILCEEFPH ELGDFVILLNAGMSTRQALLFNFLSACSCYVGLAFGILVGNNFAPNIIIFALAGGMFLYISLADMFPPEMND MLREKVTGRKTDFTFFMIQNAGMLTGFTAILLITLYAGEIELE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001135148
ORF Size:	1179 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:	<u>NM_001135148.1</u> , <u>NP_001128620.1</u>
RefSeq ORF:	1182 bp
Locus ID:	64116
UniProt ID:	<u>Q9C0K1</u>
Cytogenetics:	4q24
MW:	43 kDa