

Product datasheet for **RC200721A1V**

Human GLB1 (NM_001079811) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GLB1 (NM_001079811) AAV Particle
Tag:	Myc-DDK
Symbol:	GLB1
Synonyms:	EBP; ELNR1; MPS4B
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200721 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGCCGGGGTTCCTGGTTCGCATCCTCCTTCTGCTGCTGGTTCTGCTGCTTCTGGGCCCTACGCGCGGCT
TGCGCAATGCCACCCAGAGGATGTTTGAAATTGACTATAGCCGGGACTCCTTCCTCAAGGATGGCCAGCC
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GACAGTACCAGTTTTCTGAGGACCATGATGTGGAATATTTTCTCGGCTGGCTCATGAGCTGGGACTGCT
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TCCTTCTGCCCAAGATGAAGCCTCTCCTCTATCAGAATGGAGGGCCAGTTATAACAGTGCAGGTTGAAAA
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CATCAAAAGCCTTTATCCCTTGACATTTATCCAGGTGAAACAGCATTATGGGTTTGTGCTGTACCGGACA
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AGCCTGGGCCCACAACCTATCCAACACACGCTCCCGGCCTTTATATGGGGAACCTCTCCATTCCCAGT
GGGATCCCAGACTTGCCCAAGGACACCTTTATCCAGTTTCTGGATGGACCAAGGGCCAGGTCTGGATTA
ATGGCTTTAACCTTGGCCGCTATTGGCCAGCCCGGGGCCCTCAGTTGACCTTGTTGTGCCCCAGCACAT
CCTGATGACCTCGGCCCCAAACACCATACCGTGCTGGAAGTGGAGTGGGCACCTGCAGCAGTATGAT
CCAGAATATGTGCTGTGACGTTTCGTGGACAGGCCAGTTATTGGCTCATCTGTGACCTACGATCATCCCT
CCAAACCTGTTGAAAAAGACTCATGCCCCACCCCGCAAAAAACAAAGATTATGGCTGGACCATGT
A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC200721 protein sequence Red=Cloning site Green=Tags(s) MPGFLVRILLLLVLLLLGPTRGLRNATQRMFEIDYSRDSFLKDGQPPFRYISGSIHYSRVPRFYWKDRLL KMKMAGLNAIQTYVPWNFHEPWPGQYQFSEDHDEYFLRLAHELGLLVILRPGPYICAEWEMGGLPAWLL EKESILLRSSDPDYLAAYDKWLGVL LPKMKPLLYQNGGPVITVQVENEYGSYFACDFDYLRFLQKRFRHH LGDDVVLFTTDDGAHKTF LKCGALQGLYTTVDFTGSGNITDAFLSQRKCEPKGPLINSEFYTGWLDHWGQP HSTIKTEAVASSLYDILARGASVNL YMFIGGTNFAYWNGANSPYAAQPTS YDYDAPLSEAGDLTEKYFAL RNIIQKFEKVPEGP IPPSTPKFAYGKVTLEKLKTVGAALDILCPSPGIKSLYPLTFIQVKQHYGFVLYRT TLPQDCSNPAPLSSPLNGVHDRAYVAVDGIPQGVLERNNVITL NITGKAGATLDLLVENMGRVNYGAYIN DFKGLVSNLTLSSNILT DWTIFPLDTEDAVRSHLGGWGHRS GHHDEAWAHNSSNYTLPAFYMGNF SIPS GIPDLPQDTFIQFPGWTKGQVWINGFNLGRYPARGPQLTLFVPQHILMTSAPNTITVLELEWAPCSSDD PELCAVTFVDRPVIGSSVTYDHPSKPV EKRLMPPPPQKNKDSWLDHV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001079811
ORF Size:	2031 bp
Buffer:	PBS with 0.001% Pluronic F5101
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_001079811.1</u>
RefSeq Size:	2500 bp
RefSeq ORF:	1944 bp
Locus ID:	2720
UniProt ID:	<u>P16278</u>
Cytogenetics:	3p22.3
MW:	76.1 kDa