

Product datasheet for **MR204765A1V**

Mouse Lgals4 (NM_010706) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Lgals4 (NM_010706) AAV Particle
Tag:	Myc-DDK
Symbol:	Lgals4
Synonyms:	gal-4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR204765 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCTATGTTCCAGCACCCGGCTACCAGCCACCTACAATCCGACTCTGCCCTACAAGAGACCCATCC
CAGGTGGCCTCAGTGTCTGGGATGTCCGTTTACATCCAAGGAATGGCCAAAGAGAACATGAGACGGTTCCA
CGTGAACCTCGCTGTGGGCGAGGATGATGGGCGGATGTTGCTTTCCACTTCAATCCCCGCTTTGATGGC
TGGGACAAGGTGGTCTTCAACACGATGCAAAGTGGACAATGGGCAAGGAAGAGAAGAAGAGAGCATGC
CTTTCCAGAAGGGCAAGCACTTCGAGCTGGTGTTTCATGGTCATGCCTGAGCACTACAAGTTCGTGGTGAA
CGGAAATTCCTTCTATGAATACGGGCACCGGTTACCTGTACAGATGGTCACCCATCTGCAAGTGGATGGG
GACCTGGAACCTCAGTCCATCAACTTCCTCGGAGGCCAACCAGCTGCAGCCCCATATCCGGGAGCCATGA
CTATTCCAGCTTACCCTGCTGGGAGTCTGGGTACAACCCTCCACAGATGAACACCTTGCTGTGATGAC
AGGACCCCAAGTCTTCAATCCGCGTGTGCCATATGTGGGGGCTCTGCAGGGGGCCTTACAGTCCGAAGA
ACCATCATAATCAAGGGATATGTACTTCTACAGCCAGGAACCTTGTGATCAACTTCAAGGTGGGATCGT
CCGGAGACATAGCTTTACACCTAAACCCCGCATAGGTGACAGTGTGGTTCGCAACAGCTTTATGAATGG
CTCTTGGGGCGCTGAAGAGAGGAAGGTGGCCTACAACCCATTTGGCCCTGGGCAGTTCTTTGATCTGTCA
ATCCGCTGCGGCATGGATCGATTCAAGGTGTTTGCCAATGGCCAGCACCTTTTCGACTTCTCCCATCGGT
TCCAAGCATTCCAAATGGTAGACACGCTGGAGATCAATGGTGACATCACCTTGCTCTACGTCCAGATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR204765 protein sequence Red=Cloning site Green=Tags(s) MAYVPA PGYQPTYNPTLPYKRPIPGGLSVGMSVYIQGMAKENMRRFHVNF AVGQDDGADVAFHFNPRFDG WDKVVFN TMQSGQWGKEEKKKSMPFQKGKHFELVFMVMPEHYKVVVNGNSFYEYGHRLPVQM VTHLQVDG DLELQSINFLGGQPAAPYPGAMTIPAYPAGSPGYNPPQMNTLPVMTGPPVFNPRVPYVGALQGGLTVRR TIIIKGYVLP TARNFVINFKVGSSGDIALHLNPRIGDSVVRNSFMNGSWGAEERKVAYNPFPGPGQFFDLS IRCGMDRFKVFANGQHLFDFSHRFQAFQMVD TLEINGDITLSYVQI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_010706
ORF Size:	978 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_010706.1, NP_034836.1</u>
RefSeq Size:	1465 bp
RefSeq ORF:	981 bp
Locus ID:	16855
UniProt ID:	<u>Q8K419</u>
Cytogenetics:	7 16.94 cM
MW:	36.4 kDa