

Product datasheet for **MR210208A1V**

Mouse Arnt2 (NM_007488) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Arnt2 (NM_007488) AAV Particle
Tag:	Myc-DDK
Symbol:	Arnt2
Synonyms:	bHLHe1; Hif-2b; mKIAA0307
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210208 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

 ATGGCAACCCCGCCCGCTCAACCCTCCGAGATGGCGTCAGACATACCAGGATCTGTGGCCTTGCCCTG
TTGCCCCCATGGCAGCCACCGACAGGTGAGAATGGCAGGGGCCATGCCTGCCCGAGGAGAAAGCGTCG
ATCCGGAATGGACTTCGATGACGAAGATGGTGAAGGTCCAGTAAATTCTCAAGAGAGAACCACAGTGAG
ATTGAGCGGCGCAGGCGGAACAAGATGACTCAATATATTACGGAATCTCCGACATGGTTCACCTGCA
GTGCACTGGCTAGGAAGCCAGACAAGCTGACCATCCTGCGCATGGCGGTCTCGCACATGAAGTCCATGAG
GGGCACCGGCAACAAATCGACTGACGGCGCTACAAGCCTTCCTTCTCACTGAGCAGGAAGTGAAGCAT
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GCCACCCTGAGGATCAGAGCCACCTACGGGAGAGCTTCCAACAGGTGGTTAAGCTGAAGGGCCAAGTGCT
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CAGCTCTTCCGTGGTCCATGTGCTGGAGTGAATGACATTCAGTCCTCCTCCTCAACGGGACAGAACATA
TCCAGATCTCTCGGCAGCTGAACAGGGCCAGGTGGCATGGACAGGCAGCCGTCCACCGTTCCAGGGC
AGCCCAGCAAGACGCAGTCATCTGCCTTCGGAATTGGATCAAGCCACCCTTACCCGGCTGACCTTCATC
CTACAGTCCTCTCTCCAGCCAGCTGCCTCCTACCAAGTGGAACGCATACCCAGTCTTGCCAACAGG
ACTCCAGGGTTTGTGAGAGTGGACAGAGTGGCGGGCAGTTCCAGGGCCGGCCCTCGGAGGTCTGGTCCC
AGTGGCAGAGCCAGCATCAGGCAGCAGAGCGGTGAGCAGCACTCGCATCAGCAGCCTGGCCAGACTGA
AGTGTTCCAGGACATGCTACCCATGCCGGGCGACCCGACGCAGGGGACTGGCAACTATAACATCGAGGAC
TTTGCTGACCTGGGCATGTTCCCTCCATTTCTGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210208 protein sequence Red=Cloning site Green=Tags(s) MATPAAVNPPEMASDIPGSVALPVAPMAATQVRMAGAMPARGGKRRSGMDFDDEDGEGPSKFSRENHSE IERRRRNKMTQYITELSDMVPTCSALARKPKDLTILRMAVSHMKSMRGTGNKSTDGAYKPSFLTEQELKH LILEAADGFLFVAAETGRVIYVSDSVTPVLNQPSSEWFGSTLYEQVHPDDVEKLREQLCTSENSMTGRI LDLKTGTVKKEGQQSSMRMCMGSRSSFICRMRCGNAPLDHLPLNRITTMKRFRNGLGPVKEGEAQYAVV HCTGYIKAWPPAGMTIPEEDADVGQGSKYCLVAIGRLQVTSSPVCMDMSGMSVPTEFLSRHNSDGIITFV DPRCISVIGYQPQDLLGKDILEFCHPEDQSHLRESFQQVVKLGQVLVSMYRFRRTKNREWLLIRTSSFTF QNPYSDEIEYVTCNTNTNVKQLQQQAELEVHQRDGLSSYDLSQVPVNPPLPAGVHEAGKSVEKADAFSFE RDRPFAEMFAGISASEKKMMSSASASGSQQIYSQGSFPFAGHSGKAFSSSVVHVPGVNDIQSSSSTGQNI SQISRQLNQGVAVTGSRPFPFGQPSKTQSSAFGIGSSHPYPADPSSYSPLSSPAASSPSGNAYPSLANR TPGFAESGQSGGFQGRPSEVWSQWQSQHHGQSGEQSHSQPGQTEVFQDMLPMPGDPTQGTGNYNIED FADLGMFPPFSE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_007488
ORF Size:	2136 bp
Buffer:	PBS with 0.001% Pluronic F1304
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_007488.2, NP_031514.2</u>
RefSeq Size:	6073 bp
RefSeq ORF:	2139 bp
Locus ID:	11864
UniProt ID:	<u>Q61324</u>
Cytogenetics:	7 48.35 cM
MW:	77.9 kDa