

Product datasheet for **MR209247A1V**

Mouse Cbfa2t2 (NM_009823) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Cbfa2t2 (NM_009823) AAV Particle
Tag:	Myc-DDK
Symbol:	Cbfa2t2
Synonyms:	A430091M07; C330013D05Rik; Cbfa2t2h; MTGR1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209247 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGTGGCGTCCCTGGAGCGGCCCTTCCAACCTGGTTGTGAGAAAAGGGTGCCAGCAATGCCTGGAT
 CGCCTGTGGAAGTGAAGATACAGTCAAGATCCTCACCTCCCATCATGCCACCCCTCCACCAATAAATCC
 TGGAGGACCGAGGCCAGTGTCTTTACTCTACAGCATTAAGCAATGGCATCAACCATTCCCCTCTACC
 CTGAATGGTGGCCATCGCCACCACAGAGATTAGCAATGGGCCTGCCTCCTCCACATCGTCAGCACTAA
 CGAATCAACAGCTGCCGCTACTTGTGGTGTCTCGGCAGCTCAGCAAGTTGAAACGCTTCTCACCCTCT
 GCAGCAGTTTGGCAATGATATCTCACCTGAGATCGGCGAGAAGGTTTCGGACTCTCGTTCTAGCCTTGGT
 AACTCAACAGTAACAATTGAAGAATTCATTGCAAGCTCCAGGAGGCCACAACTTCTCTTCGTCCAT
 TTGTGATTCCATTTCTCAAGGCCAACCTGCCCTGCTGCAGCGAGAAGTCTGCACTGTGCCCGGCTGC
 CAAGCAGACCCGTCCTCAGTACCTGGCCAGCATGAGCACCTTCTGCTCAACACCAAGTATCGCATCTCT
 GCTGACTCTTCTGAACTGCTCATGGAGGTTTCATGGAAATGGAAAGAGGCCAGTCCGAAAGGAGGGACG
 AGAATAATTTTGAAGAGATACAGTTCTCTGAAACCGCTGCCAAGAGAGTGTGTAATATCAGCCCTGC
 TCCTCGGCACAGTCCCGCCCTCACTGTTCCCTTATGAATCCTGGGGGCCAGTTCATCTACTCCACCA
 CCTCTTCAGCACTATACACTAGAAGACATTGCAACTTCTCACCTGTATCGGGAACCAACAAGATGCTAG
 AACACCGAGAAGTTCTGTGAGAGGCCACCAATCTTAGTCTCAATGGAGGCTATCAAGATGAGTTGGTAGA
 CCACCGTTTGACAGAAAGGGAGTGGGCTGATGAATGGAACACCTTGACCATGCACTGAATTGCATTATG
 GAAATGGTAGAGAAAAGTAGGCGCTCCATGGCAGTTCTGAGGCGCTGTGAGGAATCTGACCGTGAAGAAC
 TCAACTATTGGAACGCGGTTAATGAAAATACAGAGTTGAGGAAAAGTGGGACTGAGTTGGTCTCTAG
 GCAGCAGACCCCTGGGAGTACAGATTCTCTCAGCAACGATTCTCAGCGGGAATTTACAGTAGACCAGCA
 ACAGGATATGTGCTGTGGAGTTTGGAGAAAACAGAGAAGCCGTGAATAAGGTGAAAATTCAGGCCA
 TGTCAGAGGTACAGAAGGCTGTAGCTGAGGCAGAGCAAAAAGCCTTTGAAGTATTGCAACGGAGAGAGC
 TCGAATGGAGCAGACCATAGCGGATGTCAAACGGCAGGCTGCAGAAGATGCTTCTGCTCATCAATGAG
 CAAGAAGAGTCCACAGAGAACTGCTGGAAGTGTGGCCGAAAAGCCAGTGAAGCTGCAGTGGCTGCAACA
 TTGCTCGCTACTGCGGCTCTTCTGCCAGCATAAGGACTGGGAGCGGCACCAACCGCTCTGTGGCCAGAG
 TCTACATGGCCACAGTCCCCACAGCCAGAGCAGGCCACTGCTCCCTGGAGGGCGGGGCTCAGCCAGGTCT
 GCTGACTGCAGTGTGCCAGCCAGCCCTGGACAAGACCTCAGTACCACCTCACGGTCTCAACACCTG
 CCTCTGTGACAGCCATTGATGCCAACGGGCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209247 protein sequence
 Red=Cloning site Green=Tags(s)

MVGVPGAAAFQLGCEKRVAMPGSPVEVKIQSRSSPPIMPPLPPINPGGPRPVSFPTALSNGINHSPT
 LNGAPSPPPQRFSGNPASSTSSALTNQQLPATCGARQLSKLKRFLTTLQQFGNDISPEIGEKVRTLVLA
 NSTVTIEEFHCKLQEATNFPLRPFVIPFLKANLPLLQRELLHCARAQKTPSQYLAQHEHLLNTSIASP
 ADSSELLMEVHGNGKRSPERRDENNFERTVPPEPPAKRVCTISPAPRHSPALTVPLMNPGGQFHPTPP
 PLQHYTLEDIATSHLYREPKNMLEHREVRERHNLNLNGGYQDELVDHRLTEREWADEWKHLHDALNCIM
 EMVEKTRRSMVLRRCQESDREELNYWKRRFNENTELRKTGTGLVSRQHSPGSTDSLSDSQREFTSRPA
 TGYVPVEFWKKTEEAVNKVKIQAMSEVQKAVAEAEQKAFEVIATERARMEQTIADVQRQAEDAFVLVINE
 QEESTENCWNCGRKASETCSGCNIARYCGSFCQHKDWERHHRLCGQSLHGHSPHSQSRPLLPGGRGSARS
 ADCSVPSPALDKTSATTSRSSTPASVTAIDANGL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_009823
ORF Size:	1782 bp
Buffer:	PBS with 0.001% Pluronic F362
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_009823.1, NP_033953.1</u>
RefSeq Size:	6097 bp
RefSeq ORF:	1782 bp
Locus ID:	12396
UniProt ID:	<u>O70374</u>
Cytogenetics:	2 H1
MW:	65.9 kDa