

Product datasheet for **RC209825A1V**

Human MTX2 (NM_006554) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MTX2 (NM_006554) AAV Particle
Tag:	Myc-DDK
Symbol:	MTX2
Synonyms:	MDPS; metaxin-2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC209825 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTCTCTAGTGGCGGAAGCCTTCGTCTCCAGATTGCAGCTGCAGAACCTTGGCCTGAAAATGCTACAT
TATATCAGCAATTGAAAGGGGAGCAAATTTACTTTCTGACAATGCAGCTTCTCTTGCAGTGCAGGCCTT
TTTGCAATGTGTAACCTTGCCATCAAAGTAGTTGTAGGGCAAATGCAGAATATATGTCTCCATCTGGT
AAAGTACCTTTTATTCATGTGGGAAATCAAGTAGTATCAGAACTTGGTCCAATAGTCCAATTTGTTAAAG
CCAAGGGCCATTCTCTTAGTGATGGGCTGGAGGAAGTCCAAAAGCAGAAATGAAAGCTTACATGGAATT
AGTCAACAATATGCTGTTGACTGCAGAGCTGTATCTTCAGTGGTGTGATGAAGCTACAGTAGGGGAGATC
ACTCATGCTAGGTATGGATCTCCTTACCCTTGGCCTCTGAATCATATTTTGGCCTATCAAAAACAGTGGG
AAGTCAAACGTAAGATGAAAGCTATTGGATGGGAAAGAAGACTCTGGACCAGGTCTTAGAGGATGTAGA
CCAGTGCTGTCAAGCTCTCTCTCAAAGACTGGGAACACAACCGTATTTCTTCAATAAGCAGCCTACTGAA
CTTGACGCACTGGTATTTGGCCATCTATACACCATTCTTACCACACAATTGACAAATGATGAACCTTCTG
AGAAGGTGAAAACTATAGCAACCTCCTTGCTTCTGTAGGAGAATTGAACAGCACTATTTGAAGATCG
TGGTAAAGGCAGGCTGTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC209825 protein sequence Red=Cloning site Green=Tags(s) MSLVAEAFVSQIAAAEPWPENATLYQQLKGEQILLSDNAASLAVQAFLQMCNLPIKVVCRANAEYMSPSG KVPFIHVGNQVVSELGPVQFVKAKGHSLSGLEEVQKAEMKAYMELVNNMLLTAEYLQWCDEATVGEI THARYGSPYPWPLNHILAYQKQWEVKRKMKAIGWGKKTLDQVLEDVDQCCQALSQRLGTQPYFFNKQPT LDALVFGHLYTILTTQLTNDLSEKVKYNSNLLAFCRRIEQHYFEDRGKGRLS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006554
ORF Size:	789 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_006554.3</u>
RefSeq Size:	1399 bp
RefSeq ORF:	792 bp
Locus ID:	10651
UniProt ID:	<u>O75431</u>
Cytogenetics:	2q31.1
MW:	29.8 kDa