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Product datasheet for MR209479A1V

Mouse Tox4 (NM_023434) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Tox4
Synonyms:	5730589K01Rik; A630040M18; AA410149; LCP1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

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ORF Nucleotide Sequence:

>MR209479 representing NM_023434
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGTTTCCCGGAGGAAATGACAATTACCTGACGATCACTGGGCCCTCGCACCCTTTCCTGTCAGGAG
CCGAGACATTCCATACACCAAGCTTGGGCGATGAGGAATTTGAAATTCCACCTATCTCCTTGGACTCTGA
TCCCTCACTGGCTGTCTCAGATGTGGTTGGCCACTTTGATGACCTGGCAGACCCCTCCTCTTCACAGGAT
GGCAGCTTTTCAGCTCAATACGGGGTCCAGACATTGGACATGCCTGTGGGCATGACCCATGGCTTGATGG
AGCAGGGCGGGGGGCTCCTGAGTGGGGGCTTGACTATGGACCTGGACCATTCTATAGGAACTCAGTATAG
TGCCAACCCACCTGTTACAATTGATGTACCAATGACAGACATGACATCTGGCTTAATGGGACACAGCCAG
TTGACCACTATTGATCAGTCAGAACTGAGTTCTCAACTTGGTTTGAGTTTAGGAGGTGGCACCATCTTGC
CACCTGCCCAGTCACCTGAGGATCGTCTTTCAACTACTCCTTCACCTACCAATTCACTTCATGAGGATGG
TGTTGATGATTTCCGGAGGCAACTTCCCGCCCAGAAGACAGTGGTAGTGGAAACAGGGAAAAAGCAAAAG
GCTCCCAAGAAGAGAAAAAAGAAAGACCCAAATGAACCTCAGAAGCCAGTCTCTGCGTATGCATTGTTCT
TTCGAGATACGCAGGCTGCCATCAAGGGACAAAACCCAAACGCAACCTTTGGGGAGGTATCGAAGATTGT
GGCTTCCATGTGGGACAGTCTTGGAGAGGAACAGAAGCAGGTGTACAAGCGGAAGACTGAGGCTGCCAAG
AAAGAGTATCTCAAGGCACTAGCTGCTTATAAAGACAACCAGGAATGCCAGGCTACTGTGGAAACAGTGG
AATTAGATCCTGTGCCACAGTCACAGACTCCTTCCCCACCTCCTGTGACTGCTGCTGACCCAGCATCTCC
AGCACCAGCCTCAACGGAGTCTCCTGCTTTGCCCCCTTGCATCATAGTGAATTCCACGCTTTCATCTTAC
GTGGCAAACCAAGCCTCTTCTGGGCCTGGAGGTCAGCCCAATATTACCAAGTTGATTATTACCAAACAGA
TGTTGCCTTCTTCTATCACCATGTCCCAAGGTGGAATGGTTACTGTTATCCCAGCCACAGTGGTTACCTC
CCGTGGGCTCCAGGTAGGCCAAACAAGTACAGCTACTATTCAGCCAAGCCAGCAGGCCCAGATTGTCACC
CGGTCAGTGTTGCAGGCAGCTGCAGCTGCTGCTGCTTCCATGCAACTGCCTCCACCCCGACTACAGCCTC
CTCCGTTGCAACAGATGCCTCAGCCCCCAACTCAACAGCAAGTAACCATTCTACAGCAACCCCCTCCACT
TCAGGCCATGCAGCAACCTCCACCTCAGAAAGTTAGAATCAACTTACAGCAGCAGCCACCACCTCTGCAG
AGCAAGATTGTGCCTCCACCCACTCTGAAAATACAGACTACTGTGGTCCCTCCAACTGTAGAAAGCAGTC
CTGAGCAGCCTATGAACAGCAGCCCCGAGGCCCACACAGTAGAGGCAACCTCTCCTGAGACAATCTGTGA
AATGATCGCAGATGTAGTTCCTGAGGTGGAGTCTCCTTCTCAGATGGATGTTGAATTGGTGAGTGGCTCC
CCTGTGGCACTGTCACCTCAGCCTCGATGTGTGAGGTCTGGTTGTGAGAACCCTCCTGTTGTCAGTAAGG
ACTGGGACAACGAGTACTGCAGCAATGAGTGTGTGGTGAAGCACTGCAGGGATGTATTCTTGGCCTGGGT
GGCCTCTAGAAATCCAAACTCTGTGGTGTTTGTGAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209479 representing NM_023434
Red=Cloning site Green=Tags(s)

MEFPGGNDNYLTITGPSHPFLSGAETFHTPSLGDEEFEIPPISLDSDPSLAVSDVVGHFDDLADPSSSQD
GSFSAQYGVQTLDMPVGMTHGLMEQGGGLLSGGLTMDLDHSIGTQYSANPPVTIDVPMTDMTSGLMGHSQ
LTTIDQSELSSQLGLSLGGGTILPPAQSPEDRLSTTPSPTNSLHEDGVDDFRRQLPAQKTVVVETGKKQK
APKKRKKKDPNEPQKPVSAYALFFRDTQAAIKGQNPNATFGEVSKIVASMWDSLGEEQKQVYKRKTEAAK
KEYLKALAAYKDNQECQATVETVELDPVPQSQTPSPPPVTAADPASPAPASTESPALPPCIIVNSTLSSY
VANQASSGPGGQPNITKLIITKQMLPSSITMSQGGMVTVIPATVVTSRGLQVGQTSTATIQPSQQAQIVT
RSVLQAAAAAAASMQLPPPRLQPPPLQQMPQPPTQQQVTILQQPPPLQAMQQPPPQKVRINLQQQPPPLQ
SKIVPPPTLKIQTTVVPPTVESSPEQPMNSSPEAHTVEATSPETICEMIADVVPEVESPSQMDVELVSGS
PVALSPQPRCVRSGCENPPVVSKDWDNEYCSNECVVKHCRDVFLAWVASRNPNSVVFVK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Mouse

Serotype: AAV-2

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ACCN:	NM_023434
ORF Size:	1857 bp
Buffer:	PBS with 0.001% Pluronic F584
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:	NM_023434.3, NP_075923.2
RefSeq Size:	4458 bp
RefSeq ORF:	1860 bp
Locus ID:	268741
UniProt ID:	Q8BU11
Cytogenetics:	14 C2
MW:	66 kDa

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