

Product datasheet for **MR230426A1V**

Mouse *Tyrp1* (NM_001282014) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	<i>Tyrp1</i>
Synonyms:	b; brown; isa; Oca3; TRP-1; TRP1; Tyrp
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR230426 representing NM_001282014
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAAATCTTACAACGCTCTCCCTAGCCTATATCTCCCTTTCTCGATGCTGTTTTATCAGGTTTGGG
 CTCAGTTTCCACGAGAGTGTGCCAATATTGAGGCTCTGAGACGTGGGGTGTGTTGCCAGACCTGCTCCC
 TTCCTCTGGACCGGGGACTGACCTTGTGGCTCATCATCAGGAAGAGGCAGGTGTGGCTGTGATTGCA
 GACTCCCGACCCACAGCCGCCATTATCCCCACGATGGTAAAGTAGCCGAGAAGCCTGGCCTCTGAGGT
 TCTTTAATAGAACATGTCAAGTGAATGATAATTTCTCAGGACAACTGTGGGACTTGCCGCTCTGGGTG
 GAGAGGAGCTGCATGCAACCAGAAAATTTCTCAGTCAGGAGAAATCTTCTAGACTTAAGTCCAGAAGAA
 AAGAGCCACTTTGTGAGGCCTTGGATATGGCGAAGCGCACAACTACCCTCAATTTGTCTTGCACAA
 GGAGGTTAGAAGACATACTGGGACAGATGGCAACACACCACAATTTGAGAATTTCCGTTTATAACTA
 CTTTGTGTTGACACACTATTATTCAGTCAAAAAACCTTCTCGGACAGGACAGGAAAGCTTTGGGGAT
 GTGGATTTCTCTACGAAGGACCCGCTTTTCTCATATGGCAGGTACCATCTGCTGCAGCTGGAGAGAG
 ACATGCAGGAGATGCTGCAGGAGCCTTCTTCTCCCTTCTTACTGGAATTTTGCAACTGGGAAAAACGT
 CTGCGATGTCTGCACTGATGACTTGATGGGATCCAGAAGCACTTCGATTCTACTCTTATAAGCCCAAC
 TCTGTCTTTTCTCAATGGAGAGTGGTCTGTGAATCCTTGGAAGAGTACGATACCCTGGGAACACTTTGTA
 ACAGCACTGAGGGTGGACCAATCAGGAGAAACCCAGCTGGAATGTAGGGAGACCAGCAGTGCAGCGTCT
 TCCTGAGCCACAGGATGTCACTCAGTGCTTGGAGGTCCGTGTATTTGACACACCTCCTTTTTATTCCAAT
 TCTACAGACAGTTTTGAAATACAGTGAAGGTTACAGTGTCCCACGGGAAAAATGACCCCTGCTGTTT
 GAAGCCTTCACAACCTGGCCACCTCTTCTGAATGGAACGGGAGGACAAACCACTTTGTCTCCCAATGA
 TCCTATTTTGTCTCTGCACACTTTCAGTGTGCGGTCTTTGACGAATGGCTAAGGAGGTATAACGCC
 GATATTTCTACCTTCCCGTTGGAAAACGCACCTATTGGACATAACAGGCAATACAACATGGTGCCATTCT
 GGCTCCAGTTACCAACACAGAAATGTTTGTACTGCTCCAGACAACTGCGGATATGCTTATGAAGTTCA
 ATGGCCAGGTCAGGAGTTTACTGTATCTGAAATCATTACCATTGCTGTAGTGGCTGCGTTGTACTTGT
 GCTGCCATTTTCGGGGTTGCTTCTGTCTGATCCGTTCTAGAAGCACCAAGAATGAAGCCAACCAAGCCTC
 TCCTCACTGATCACTATCAACGCTATGCTGAGGACTATGAGGAGCTCCCGAATCCTAACCACTCCATGGT
 C

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR230426 representing NM_001282014
 Red=Cloning site Green=Tags(s)

MKSYNVLPLAYISLFLMLFYQVWQFPRECANIEALRRGVCCPDLLPSSGPGTDPGSSSGRGRCAVIA
 DSRPHSRHYPHDGKDDREAWPLRFFNRTCQCNDNFSGHNCGTCRPGWRGAACNQKILTVRRNLDLSP
 KSHFVRALDMAKRTTHPQFVIATRLEDILGPDGNTQFENISVYNYFVWTHYYSVKKTFLGTGQESFGD
 VDFSHEGPAFLTWRYHLLQLERDMQEMLQEPSFLPYWNFATGKNVCDVCTDDLMSRSNFDSTLISPN
 SVFSQWRVVCESLEEYDTLGLCNSTEGGPIRRNPAGNVGRPAVQRLPEPQDVTQCLEVRVFDTPPFYSN
 STDSFRNTVEGYSAPTGYDPAVRSNLHLAHLFLNGTGGQTHLSPNDPIFVLLHTFTDAVFDEWLRRYNA
 DISTFPLENAPIGHNRYNMVPFPPVTNTEMFVTPDNLGYAYEVQWPQGEFTVSEIITIAVVAALLLV
 AAIFGVASCLIRSRSTKNEANQPLLTDHYQRYAEDYEELPNPNHSMV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Mouse

Serotype: AAV-2

ACCN: NM_001282014

ORF Size: 1611 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_001282014.1, NP_001268943.1</u>
RefSeq Size:	2740 bp
RefSeq ORF:	1614 bp
Locus ID:	22178
UniProt ID:	<u>P07147</u>
Cytogenetics:	4 37.89 cM
MW:	60.8 kDa