

Product datasheet for **MR227588A1V**

Mouse Tsen54 (NM_029557) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Tsen54 (NM_029557) AAV Particle
Tag:	Myc-DDK
Symbol:	Tsen54
Synonyms:	0610034P02Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR227588 representing NM_029557
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGAGCCCGAACCCGAACCCGGGTGCGTGGAGGTTCCCGCGGGCGTGTGCTCAGCGCCTCGGAGCTCC
 GCGCCGCGCGCTCGCGGTCCCAGAAGCTACCACAGCGGTGCGATGGCCCCAAGGACTTCCTCCCGGACGG
 CTCGGAGGCCAGGCGGAGCGGTGCGCTGTGTCGCCAAGAGCTGTGGCAGCTGCTGGCGGAGGAGCGC
 GTGGAGCGCTGGGAGCTTGGTGGCCGCGAGTGAAACAGAGAGGGCTTTGTGGAGTTGACGTCTC
 CTGCGGGGAAATCTGGCAGACCATGGGCTACTCAGAGGAAGGACGGCAGCGACTTACCCCCAAGAGGC
 TTTGTATCTGCTGGAGTGTGGTTCGATTGAGTCTTCTACCAAGACCTCCCACTGTCTATCCAAGAGGCA
 TACCAGCTGCTGCTGACAGAGGACACCTTGAGTTTCTGCAGTACCAGGTCTTCAGCCACCTGAAGAGAC
 TGGGCTATGTGGTTCGTCGGTTCAGCTAAGCTCTGCTGTCACCTTACGAGCGGCAGCTTAATTTGGA
 TGGTTATGCCCAGTGCCTGGAGGATGGGTCTGCAAGAGGAAGAGGAGTTCAGCTGTGCGTCTGTTAAT
 AAGAAGCCCAAGTCTGCGAAGTCCCTGCGCGCCGTCAGCCTGGCAGCCTCCAGCTACCTGCCTGTG
 ACCAGAGTAGCCAATACCCAGAGGAGAAGTCTCAGGACTCAAGCCCCAGGCAGGGCTCAGAGCTCCCTT
 GCAGTTCCTGGGTCTCAGAGCCTTGCTCTGATCTGGCCAGGGAAGAGCTGGGTGTGACCGAGAGAGT
 CACAAAATAGAGAATGGAGCTAAGGGAACCCCTAAGCTACGCTGGAACCTTGAGCAGATCTATTCCCCA
 ACATGGCTCTGATAGTCGCCACACTTTCCTGCCTGCTCCAGCCCCAGAGCTGCTCCAGCCAATGTCAT
 TGGCGGAGGGACAGATGCTGAGTCTGGTGCCAAAAGCTGAACAGCGGAGGAGAGCTCTCCCGTAGA
 GACCGGGAACAGCAAGCAGTGGTCCAGCAGTTCGGGAGGATGTTAACGCAGATCCCAGGTGCGGGCTC
 GCTCCAGCTGGCAGGAGTACAAGGAGCTGCTGCAGAGGCGACAGACGAGAAGAGCCAGCCCCGGCTCC
 ACACCTATGGGGCCAGTCCGTTACCCCTTGCTCGACCTGATAAAGCCGATTGTCCAGCCGCGGTCTCG
 CAACATATCTCTGACTGCAGACGACACCTTCTGATGGAGGTTACCGGCTGCTGGAGAAGTCTGGAG
 GCTTGACAGATCAGCTTCGATGTTTACCAGGCTGACGCTGTGGCGACGTTCCGAAAAAACAGCCCTGGCAA
 ACCCTATGTGCAATGTGCATTAGTGGGTTTGTGACCTGTCCAGACCTCTGCAGCCTCAAGTCTTG
 ACCTACCAGAGTGGGGATGTTCCCTGATCTTTGCTCTAGTGGACCACGGTGACATCTCCTTCTACAGCT
 TCAGAGACTTCACACTGCCAGGGATCTGGGCCAC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MEPEPEPGSVEVPAGRVLSASELRAARSRSQKLPQRSHGPKDFLPDGSEAQAERLRLCRQELWQLLAEEER
 VERLGSLVAAEWKPEEGFVELTSPAGKFWQTMGYSEGRQLHPPEALYLLECGSIQLFYQDLPLSIQEA
 YQLLLTEDTSLFLQYQVFSHLKRLGYVRRFQLSSVSPYERQLNLDGYAQCLEDGSGKRKRSSSCRSVN
 KKPVKVLQNSLPPVSLAASSSPACDQSSQYPEEKSDSSPRQSGELPLQLGSSPEPCSDLAREDVGCDRES
 HKIENGAKGTPKLRWNFEQISFPNMAASDRHTFLPAPAPPELLPANVIGRGTDAESWCQKLNQRREKLSRR
 DREQQAVVQQFREDVNADPEVRGCSSWQYKELLQRRQTQKSQPRPHLWGQSVTPLLDPDKADCPAAVL
 QHISVLQTTHLADGGYRLLEKSGGLQISFDVYQADAVATFRKNSPGKPYVRMCISGFDDPVPDLCSLKCL
 TYQSGDVPLIFALVDHGDISFYSRDFTLPRDLGH

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_029557

ORF Size:

1575 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_029557.1</u> , <u>NP_083833.1</u>
RefSeq Size:	1972 bp
RefSeq ORF:	1578 bp
Locus ID:	76265
UniProt ID:	<u>Q8C2A2</u>
Cytogenetics:	11 E2
MW:	59.5 kDa