

Product datasheet for **RC224963A1V**

Human MPST (NM_001013440) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MPST (NM_001013440) AAV Particle
Tag:	Myc-DDK
Symbol:	MPST
Synonyms:	3-mercaptopyruvate sulfurtransferase; human liver rhodanese; mercaptopyruvate sulfurtransferase; MGC24539; MST; MST, TST2, MGC24539; OTTHUMP00000028670; TST2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC224963 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTTCGCCGCGAGCTCTGCCGCGCGCTGGTGTGGCGCAATGGGTGGCGGAGGCGCTGCGGGCCCCGC
GCGCTGGGCAGCCTCTGCAGCTGCTGGACGCTCCTGGTACCTGCCGAAGCTGGGGCGCGACGCGCGACG
CGAGTTCGAGGAGCGCCACATCCCGGGCGCCGCTTTCTCGACATCGACCAGTGCAGCGACCGCACCTCG
CCCTACGACCACATGCTGCCCGGGCCGAGCATTTCGCGGAGTACGCAGGCCGCTGGGCGTGGGCGCGG
CCACCCACGTCGTGATCTACGACGCCAGCGACCGAGGCCCTCTACTCCGCCCGCGCGTCTGGTGGATGTT
CCGCGCCTTCGGCCACCAGCCGTGTCACTGCTTGATGGCGGCCCTCCGCACTGGCTGCCCAGAACCTC
CCGCTCAGCTCCGGCAAGAGCCAACCTGCTCCCGCCGAGTTCGCGCTCAGCTCGACCCCGCCTTCATCA
AGACCTACGAGGACATCAAGGAGAACCCTGGAATCCCGCGCTTCCAGGTGGTGGACTCCCGAGCCACTGG
CAGGTTCCGCGGCACCGAGCCCGAGCCCGAGACGGCATTGAACCTGGCCACATCCAGGTACCGTGAAC
ATCCCCTTCACAGACTTCTGAGCCAGGAGGGCTGGAGAAGAGCCCTGAGGAGATCCGCCATCTGTTCC
AGGAGAAGAAAGTGGACCTGTCTAAGCCACTGGTGGCCACGTGTGGCTCTGGCGTACAGCCTGCCACGT
GGCACTAGGGGCTACCTCTGCGGAAGCCAGACGTGCCATCTACGATGGCTCTGGGTGGAGTGGTAC
ATGCGCGCCCCGCGCCGAGGATGTCATCTCAGAGGGCCGGGGAAGACCCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC224963 protein sequence
 Red=Cloning site Green=Tags(s)

MASPQLCRALVSAQWVAEALRAPRAGQPLQLLDASWYLPKLGRDARREFEERHIPGAAFFDIDQCSDRTS
 PYDHMLPGAEHFAEYAGRLGVGAATHVVIYDASDQGLYSAPRVWMMFRAFGHHAVSLLDGGLRHWRQNL
 PLSSGKSQPAPAEFRAQLDPAF IKTYEDIKENLESRRFQVDSRATGRFRGTEPEPRDGIPEGHIPGTVN
 IPFTDFLSQEGLEKSPEEIRHLFQEKKVDLSKPLVATCGSGVTACHVALGAYLCGKPDVPIYDGSWVEWY
 MRARPEDVISEGRGKTH

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001013440

ORF Size: 891 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: [NM_001013440.1](#), [NP_001013458.1](#)

RefSeq Size: 1626 bp

RefSeq ORF: 893 bp

Locus ID: 4357

Cytogenetics: 22q12.3

MW: 33.2 kDa