

Product datasheet for **RC215294A1V**

Human Iduronate 2 sulfatase (IDS) (NM_006123) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Iduronate 2 sulfatase (IDS) (NM_006123) AAV Particle
Tag:	Myc-DDK
Symbol:	Iduronate 2 sulfatase
Synonyms:	ID2S; MPS2; SIDS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC215294 representing NM_006123 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCCGCCACCCCGACCGGCCGAGGCCTTCTCTGGCTGGGTCTGGTTCTGAGCTCCGTCTGCGTCGCC
TCGGATCCGAAACGCAGGCCAACTCGACCACAGATGCTCTGAACGTTCTTCTCATCATCGTGATGACCT
GCGCCCTCCCTGGGCTGTTATGGGGATAAGCTGGTGAGGTCCCAAATATTGACCAACTGGCATCCAC
AGCCTCCTCTTCCAGAATGCCTTTCGCGAGCAAGCAGTGTGCGCCCCGAGCCGCGTTTCTTCTCACTG
GCAGGAGACCTGACACCACCGCCTGTACGACTTCAACTCCTACTGGAGGTGCACGCTGGAAACTTCTC
CACCATCCCCAGTACTTCAAGGAGAATGGCTATGTGACCATGTGCGGTGGGAAAAGTCTTTCACCCTGGG
ATATCTTCTAACCATAACCGATGATTCTCCGTATAGCTGGTCTTTTCCACCTTATCATCCTTCTCTGAGA
AGTATGAAAACACTAAGACATGTGAGGGCCAGATGGAGAACTCCATGCCAACCTGCTTTGCCCTGTGGA
TGTGCTGGATGTTCCCGAGGGCACCTTGCCCTGACAAACAGAGCACTGAGCAAGCCATACAGTTGTTGAA
AAGATGAAAACGTCAGCCAGTCCTTCTTCTGCGCGTTGGGTATCATAAGCCACACATCCCTTCAGAT
ACCCCAAGGAATTTGAGAAGTTGTATCCCTTGAGAACATCACCTGGCCCCCGATCCCAGGTCCCTGA
TGGCCTACCCCTGTGGCCTACAACCCCTGGATGGACATCAGGCAACGGGAAGACGTCCAAGCCTTAAAC
ATCAGTGTGCCGTATGGTCCAATTCCTGTGGAATTTTTCAGCGGAAAATCCGCCAGAGCTACTTTGCCCTCTG
TGTCATATTTGGATACACAGGTGCGCCGCTCTTGAGTGCTTTGGACGATCTTCAGCTGGCCAACAGCAC
CATATTGCATTTACCTCGGATCATGTTTCTCATGAGGACAAATACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC215294 representing NM_006123 Red=Cloning site Green=Tags(s) MPPPRTRGRGLLWGLVLSSVCVALGSETQANSTTDALNVLLIIIVDDLRLPSLGCYGDGLVRSPNIDQLASH SLLFQNAFAQQAVCAPSRVSFLTGRRPDTRLTYDFNSYWRVHAGNFSTIPQYFKENGYVTMSVGKVFHFG ISSNHTDDSPYSWSFPPYHPSSEKYENTKTCRGPDGELHANLLCPVDVLDVPEGTLDPKQSTEQAIIQLE KMKTSASPFLLAVGYHKPHIPFRYPKEFQKLYPLENITLAPDPEVPDGLPPVAYNPWMDIRQREDVQALN ISVPYGPVDFQQRKIRQSYFASVSYLDTQVGRLLSALDDLQLANSTIIAFTSDHGFLMRTNT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006123
ORF Size:	1029 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_006123.1
RefSeq Size:	1314 bp
RefSeq ORF:	1032 bp
Locus ID:	3423
UniProt ID:	P22304
Cytogenetics:	Xq28
MW:	38.31 kDa