

Product datasheet for **RC201220A1V**

Human DLST (NM_001933) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DLST (NM_001933) AAV Particle
Tag:	Myc-DDK
Symbol:	DLST
Synonyms:	DLTS; KGD2; PGL7
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201220 representing NM_001933
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCTGTCCCGATCCCGCTGTGTCTCGGGCGTTAGCCGCTCGCTCTCCGCCTTCAGAAGGGGAAC
 GCCCTCTAGGGAGACGTTCCCTGCCTGGGGTCTCCTTATGCCAGGGACCAGGTTACCCTAACAGCAGGAA
 GGTTGTCAATTAACAACAGTGTCTTCAGTGTTCGCTTTTTCAGAACTACAGCTGTATGCAAGGATGACTTG
 GTTACAGTCAAAACCCAGCGTTTGCAGAACTGTACAGAGGGAGATGTAGGTGGGAGAAAGCTGTTG
 GAGACACAGTTGCAGAAGATGAAGTGGTTGTGAGATTGAACTGACAAGACATCTGTGCAGGTTCCATC
 ACCAGCAAATGGCGTGATTGAAGCTCTTTTGTACCTGATGGGGGAAAAGTGAAGGAGGCACTCCACTT
 TTCACACTCAGGAAACTGGTGTCTCTGCTAAGGCCAAGCCGGCTGAAGCTCCTGCTGCTGCAGCCC
 CAAAAGCAGAACTACAGCAGCGGCAGTTCCTCCCTGCAGCACCCATACCCACTCAGATGCCACCGGT
 GCCCTCGCCCTACAACCTCCTTCTGGCAAACCTGTGTCTGCAGTAAAACCCACTGTTGCCCCACCACTA
 GCTGAGCCAGGAGCTGGCAAAGTCTGCGTTTCAGAACATCGGGAGAAAATGAACAGGATCGGGCAGCGCA
 TTGCTCAGCGTCTGAAGGAGGCCAGAATACATGTGCAATGCTGACAACCTTTAATGAGATTGACATGAG
 TAACATCCAGGAGATGAGGGCTCGGCACAAAGAGGCTTTTTTGAAGAAACATAACCTCAAAGTAGGCTTC
 ATGTCGGCATTGTGAAGGCCTCAGCCTTGCCTTGCAGGAACAGCCTGTTGTAATGCAGTGATTGACG
 ACACAACCAAAGAGGTGGTGTATAGGGATTATATTGACATCAGTGTGTCAGTGGCCACCCACGGGGTCT
 GGTGGTTCCAGTCATCAGGAATGTGGAAGCTATGAATTTGCAGATATTGAACGGACCATCACTGAACCTG
 GGAGAGAAGGCCCGAAAGAATGAACCTGCCATTGAAGATATGGATGGCGGTACCTTCACCATTAGCAATG
 GAGGCGTTTTTGGCTCGCTCTTTGGAACACCCATTATCAACCCCTCAGTCTGCCATCCTGGGGATGCA
 TGGCATCTTTGACAGGCCAGTGGCTATAGGAGGCAAGGTAGAGGTGCGGCCCATGATGTACGTGGCACTG
 ACCTATGATCACCGGCTGATTGATGGCAGAGAGGCTGTGACTTTCCTCCGCAAAATCAAGGCAGCGGTAG
 AGGATCCAGAGTCTCTCTCTGGATCTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201220 representing NM_001933
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MLSRSRCVSRFASRLSAFQKGNCLGRRLPGVSLCQGPYPNSRKVVINNSVFSVRFFRTTAVCKDDL
 VTVKTPAFASVTEGDVRWEKAVGDTVAEDEVVCEIETDKTSVQVPSANGVIEALLVPDGGKVEGGTPL
 FTLRKTGAAPAKAKPAEAPAAAAPKAEPATAAVPPPAAPITQMPPVSPSPQPPSGKPVSAVKPTVAPPL
 AEPGAGKGLRSEHREKMNMRQRQAQLKEAQNTCAMLTTFNEIDMSNIQEMRARHKEAFLKKHNLKLG
 MSAFVKASAFALQEPPVNAVIDDTTKEVVYRDYIDISVAVATPRGLVVPVIRNVEAMNFADIERTITEL
 GEKARKNELAIEDMDGGTFTISNGGVFGSLFGTPIINPPQSAILGMHGIFDRPVAIGGKVEVRPMYVAL
 TYDHLIDGREAVTFLRKIKAAVEDPRVLLDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001933

ORF Size:

1359 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_001933.3</u>
RefSeq Size:	2828 bp
RefSeq ORF:	1362 bp
Locus ID:	1743
UniProt ID:	<u>P36957</u>
Cytogenetics:	14q24.3
MW:	48.6 kDa