

Product datasheet for **MR208292A1V**

Mouse Dct (NM_010024) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Dct (NM_010024) AAV Particle
Tag:	Myc-DDK
Symbol:	Dct
Synonyms:	DT; slaty; slt; TRP-2; TRP2; Tyrp-2; Tyrp2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR208292 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

 ATGGGCCTTGTGGGATGGGGCTTCTGCTGGGTTGTCTGGGCTGCGGAATTCGCTCAGAGCTCGGGCTC
AGTTTCCCGAGTCTGCATGACCTTGGATGGCGTGCTGAACAAGGAATGCTGCCGCCTCTGGGTCCCGA
GGCAACCAACATCTGTGATTTCTAGAGGGCAGGGGCACTGCGCAGAGGTGCAACAGACACCAGACCC
TGGAGTGGCCCTTATATCCTTCGAAACCAGGATGACCGTGAGCAATGGCCGAGAAAATTCTCAACCGGA
CATGCAATGCACAGGAACTTTGCTGGTTATAATTGTGGAGGCTGCAAGTTCGGCTGGACCGGCCCCGA
CTGTAATCGGAAGAAGCCGGCCATCCTAAGACGGAATATCCATCCCTGACTGCCAGGAGAGGGAGCAG
TTCTTGGGCGCCTTAGACCTGGCCAAGAAGAGTATCCATCCAGACTACGTGATCACCACGCAACTGGC
TGGGGTCTCGGACCAACGGGACCCAGCCCCAGATCGCCAATGCAGCGTGTATGACTTTTTTGTGTG
GCTCCATTATTATTCTGTTCGAGACACATTATTAGGTCCAGGACGCCCTATAAGGCCATTGATTCTCT
CACCAAGGGCCTGCCTTTGTACGTGGCACAGGTACCATCTGTTGTGGCTGGAAAAGAACTCCAGAGAC
TCACTGGCAATGAGTCCTTTGCGTTGCCCTACTGGAACTTGCAACCGGGAAGAACGAGTGTGACGTGTG
CACAGACGAGCTGCTTGGAGCAGCAAGACAAGATGACCAACGCTGATTAGTCGGAACCTCGAGATTCTCT
ACCTGGGAGATTGTGTGCGACAGCTTGGATGACTACAACCGCCGGGTCACTGTGTAATGGAACCTATG
AAGGTTTGTCTGAGAAGAAACAAAGTAGGCAGAAATATGAGAACTGCCAACCTTAAAAATGTGCAAGA
TTGCCTGTCTCTCAGAAGTTTGACAGCCCTCCCTTCTCCAGAACTCTACCTTCAGCTTCAGGAATGCA
CTGGAAGGGTTTGATAAAGCAGACGGAACACTGGACTCTCAAGTCATGAACCTTCATAACTTGGCTCACT
CCTTCTGAATGGGACCAATGCCTTGGCACACTCAGCAGCAACGACCCTGTGTTGTGGTCTCCACTC
TTTTACAGACGCCATCTTTGATGAGTGGCTGAAGAGAAAACAACCTTCCACAGATGCCTGGCCTCAGGAA
CTGGCACCCATTGGTCACAACCGAATGTATAACATGGTCCCCTTCTCCACCGGTGACTAATGAGGAGC
TCTTCTAACCAGCAGAGCAACTTGGCTACAATTACGCCGTTGATCTGTCAGAGGAAGAAGCTCCAGTTTG
GTCCACAACCTCTCTCAGTGGTCATTGGAATCCTGGGAGCTTTCGTCTTGCTCTTGGGGTTGCTGGCTTTT
CTTCAATACAGAAGGCTTCGCAAGGCTATGCGCCCTTAATGGAGACAGGTCTCAGCAGCAAGAGATACA
CGGAGGAAGCC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208292 protein sequence

Red=Cloning site Green=Tags(s)

 MGLVGWGLLLGCLGCGILLRARAQFPRVCMTLDGVLNKECCPPLGPEATNICGFLEGRGQCAEVQTDTRP
WSGPYILRNQDDREQWPRKFFNRTCKCTGNFAGYNCGGCKFGWTGPDNCRKKPAILRRNIHSLTAQEREQ
FLGALDLAKKSIHPDYVITTQHWLGLLPNGTQPQIANCSVYDFVWLHYYSVRDILLGPRPYKAIDFS
HQGPAFVTWHRYHLLWLERELQRLTGNESFALPYWNFATGKNECDVCTDELLGAARQDDPTLISRNSRFS
TWEIVCDSLDDYNRRVTLCNGTYEGLLRNKVGRNNEKLPTLKNVQDCLSLQKFDSPFFQNSTFSFRNA
LEGFDKADGTLDSQVMNLHNLHSFLNGTNALPHSAANDPVFVVLHSFTDAIFDEWLKRNNPSTDAWPQE
LAPIGHNRMYNMVPFFPPVTNEELFLTAEQLGYNYAVDLSEEEAPVWSTTSLSVVIGILGAFVLLGLLAF
LQYRRLRKGYAPLMETGLSSKRYTEEA

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDK**V**
Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_010024

ORF Size:

1551 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_010024.3</u> , <u>NP_034154.2</u>
RefSeq Size:	2279 bp
RefSeq ORF:	1554 bp
Locus ID:	13190
UniProt ID:	<u>P29812</u>
Cytogenetics:	14 61.6 cM
MW:	58.5 kDa