

Product datasheet for **RC207724A1V**

Human NUDT12 (NM_031438) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NUDT12 (NM_031438) AAV Particle
Tag:	Myc-DDK
Symbol:	NUDT12
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC207724 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCTCTCTGTAAAAAGAAGCTGAAGCAAGAAATAGTTACTCAGTTTCACTGTTCACTGCTGAAGGAG
ATATTGCCAAGTTAACAGGAATACTCAGTCATTCTCCATCTCTTCTCAATGAACTTCTGAAAATGGCTG
GACTGCTTTAATGTATGCGGCAAGGAATGGGCACCCAGAGATAGTCCAATTTCTGCTTGAGAAAGGGTGT
GACAGATCAATTGTCAATAAATCAAGGCAGACTGCACTGGATATTGCTGTATTTTGGGGTTATAAGCATA
TAGCTAATTTACTAGCTACTGCTAAAGGTGGGAAGAAGCCTTGTTTCTAACGAATGAAGTGAAGAATG
TGAAAATTATTTAGCAAAACACTACTGGACCGGAAAAGTGAAAAGAGGAATAATTCTGACTGGCTGCTA
GCTAAAGAAAGCCATCCAGCCACAGTTTTTATTCTTTTCTCAGATTTAAATCCCTTGTTACTCTAGGTG
GCAATAAAGAAAGTTTCCAACAGCCAGAAGTTAGGCTTTGTCAGCTGAACTACACAGATATAAAGGATTA
TTTGGCCAGCCTGAGAAGATCACCTTGATTTTTCTTGAGTAGAACTTGAAATAAAAGACAACTACTT
AATTATGCTGGTGAAGTCCCGAGAGAGGAGGAAGATGGATTGGTTGCCTGGTTTCTAGGTATAGATC
CTATTGCTGCTGAAGAATTCAAGCAAAGACATGAAAATTGTTACTTTCTTCATCCTCCTATGCCAGCCCT
TCTGCAATTGAAAGAAAAAGAAGCTGGGGTTGTAGCTCAAGCAAGATCTGTTCTTGCTGGCACAGTCGA
TACAAGTTTTGCCAACCTGTGGAATGCAACTAAAATTGAAGAAGGTGGCTATAAGAGACTATGTTTAA
AAGAAGACTGTCCTAGTCTCAATGGCGTCCATAATACCTCATACCCAAGAGTTGATCCAGTAGTAATCAT
GCAAGTTATTCATCCAGATGGGACCAAATGCCTTTTAGGCAGGCAGAAAAGATTTCCCCCAGGCATGTTT
ACTTGCTTGCTGGATTTATTGAGCCTGGAGAGACAATAGAAGATGCTGTTAGGAGAGAAGTAGAAGAGG
AAAGTGGAGTCAAAGTTGGCCATGTTCAAGTATGTTGCTTGCAACCATGGCCAATGCCTTCCTCTTAAT
GATTGGTTGCTTAGCTCTAGCAGTGTCTACAGAAATTAAGTTGACAAGAATGAAATAGAGGATGCCCGC
TGGTTCAGTAGAGAACAGGTCTGGATGTTCTGACCAAGGGAAGCAGCAGGCATTCTTTGTGCCACCAA
GCCGAGCTATTGCACATCAATTAATCAAACTGGATTAGAATAAATCCTAATCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC207724 protein sequence Red=Cloning site Green=Tags(s) MSSVKRSLKQEIVTQFHCSAAEGDIAKLTGILSHSPSLLNETSENGWTALMYAARNGHPEIVQFLLEKGC DRSIVNKSQTALDIAVFWGYKHIANLLATAKGGKKPWFLTNEVEECENYFSKTLDRKSEKRNSDWLL AKESHPATVFIILFSDLNPLVTLGGNKESFQQPEVRLCQLNYTDIKDYLAQPEKITLIFLGVELEIKDKLL NYAGEVPREEEDGLVAWFALGIDPIAAEEFKQRHENCYFLHPPMPALLQLKEKEAGVVAQARSVLAWHSR YKFCPTCGNATKIEEGGYKRLCLKEDCPSLNGVHNTSYPRVDPVIMQVIHPDGTKCLLGRQKRFPFGMF TCLAGFIEPGETIEDAVRREVEEESGVKVGHVQYVACQPWMPSSLMIGCLALAVSTEIKVDKNEIEDAR WFTREQVLVDLTKGKQQAFFVPPSRAIAHQLIKHWIRINPNL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_031438
ORF Size:	1386 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_031438.2</u>
RefSeq Size:	3514 bp
RefSeq ORF:	1389 bp
Locus ID:	83594
UniProt ID:	<u>Q9BQG2</u>
Cytogenetics:	5q21.2
MW:	52.1 kDa