

Product datasheet for **RC222329A1V**

Human EXOC7 (NM_015219) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human EXOC7 (NM_015219) AAV Particle
Tag:	Myc-DDK
Symbol:	EXOC7
Synonyms:	2-5-3p; BLOM4; EX070; EXO70; Exo70p; EXOC1; NEDSEBA; YJL085W
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC222329 representing NM_015219
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGATTCCCCACAGGAGGCATCCGCTCGACGCGGGAGATTGAGGACAAGCTGAAGCAGGAGGAGAGA
 CTCTGTCTTTCATCCGAGACAGCCTGGAGAAGAGCGACCAGCTCACTAAGAACATGGTGTCTATCTTATC
 ATCCTTTGAGAGCCGCTTATGAAGCTGGAGAAGTCCATCATCCCTGTGCACAAGCAGACGGAGAATCTG
 CAGCGGCTGCAGGAGAATGTTGAGAAGACGCTGTCTGCTGGACCATGTCATCAGCTACTACCATGTGG
 CCAGTGACACTGAGAAGATCATCAGAGAGGGCCCCACAGGTAGGCTGGAAGAGTACCTGGGAAGCATGGC
 CAAGATTCAGAAGGCAGTGGAGTATTTCCAGGACAACAGCCCAGACAGCCCGGAAGTCAACAAAGTGAAA
 CTGCTCTTTGAGCGCGGAAGGAGGCCCTGGAGTCCGAATTTGCGAGCCTGATGACGCGGCACAGTAAGG
 TCGTCTCGCCCGTCTCATCTTGGATCTGATCAGTGGTGACGATGATCTGGAGGCCAGGAGGACGTGAC
 CCTGGAGCACCTGCCGAGAGCGTGTCTCCAGGATGTCTTCGCATCTCCCGCTGGCTGGTGAATATGGC
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 TCCCCGAGCACCACCAGAAGAAGACCTTCGACTCCCTGATACAGGATGCCCTGGATGGGCTGATGCTTGA
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 TTCCCCATCCTGCGACACCTCAAGCAGACCAAGCCTGAGTTTGACCAGGTGCTCCAGGGCAGGCTGCCA
 GCACAAAGAACAAGCTGCCTGGCCTCATCACATCCATGGAGACCATCGGTGCCAAAGCGCTGGAGGACTT
 CGCAGACAACATCAAGAATGACCCGGACAAGGAGTACAACATGCCGAAGGACGGCACCGTACACGAGCTC
 ACCAGCAATGCCATCCTCTTCTGACGAGCTTTTGGACTTCCAGGAGACGGCAGGCGCCATGCTGGCCT
 CCCAAGAGACCAGCTCTTCGGCCACCAGCTACAGCTCTGAGTTCAGCAAGCGGCTGCTAAGCACCTATAT
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 AGCGCCATCTTCTGCAACAACACTACAATTACATCCTCAAGTCCCTGGAGAAGTCTGAAGTATCCAGC
 TGGTGGCAGTGACACAGAAGACTGCTGAGCGCTCCTACCGGGAGCACATTGAGCAGCAGATCCAGACCTA
 CCAGCGCAGCTGGTTAAAGGTGACTGATTACATCGCAGAGAAGAATCTACCTGTGTTCCAGCCGGGAGTC
 AAGCTCCGGGACAAGGAGCGGCAGATTATCAAGGAGCGTTTTAAGGGCTTCAATGATGGCCTCGAAGAAC
 TGTGCAAAATCCAGAAGGCTGGGCTATTCCAGACACAGAGCAGAGGGACAGGATTCGCCAGGCCAGAA
 GACCATTGTCAAGGAGACCTACGGGGCCTTTCTACAGAAGTTTGGCAGCGTGCCCTTCACCAAGAACCCG
 GAGAAGTACATCAAGTACGGGGTGGAGCAGGTGGGCGACATGATCGATCGCCTTTTCGACACCTCTGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC222329 representing NM_015219 Red=Cloning site Green=Tags(s) MIPPQEASARRREIEDKLKQEEETLSFIRDSLEKSDQLTKNMVSILSSFESRLMKLENSIIPVHKQTENL QRLQENVEKTLSCLDHVISYYHVASDTEKIIREGPTGRLEEYLGSMKIQKAVEYFQDNPSPELNKVK LLFERGKEALESEFRSLMTRHSKVSPVLILDLISGDDDLAQEDVTLEHLPESVLQDVIRISRWLVEYG RNQDFMNVYYQIRSSQLDRSIKGLKEHFHKSSSSSGVPYSPAIPNKRKDTPTKKPVKRPGRDDMLDVETD AYIHCVSFAFVKLAQSEYQLLADIPEHHQKKTFDLSIQDALDGLMLEGENIVSAARKAIVRHDFSTVLT FPILRHLKQTKPEFDQVLQGTAASTKNKLPGLITSMETIGAKALEDFAADNIKNDPDKEYNMPKDGTVHEL TSNAILFLQQLDFQETAGAMLASQETSSSATSYSSEFSKRLSTYICKVLGNLQLNLLSKSKVYEDPAL SAIFLHNNYNYILKSLEKSELQVLAVTQKTAERSYREHIEQQIQTYQRSWLKVTDYIAEKNLPVFQPGV KLKDKERQIIKERFKGFNDGLEELCKIQKAWAIPDTEQRDRIRQAQKTIKETYGAFLQKFGSVPFTKNP EKYIKYGEVQVGMIDRLFDTS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_015219
ORF Size:	1959 bp
Buffer:	PBS with 0.001% Pluronic F8484
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_015219.2</u>
RefSeq Size:	4687 bp
RefSeq ORF:	1962 bp
Locus ID:	23265
UniProt ID:	<u>Q9UPT5</u>
Cytogenetics:	17q25.1
MW:	74.5 kDa