

Product datasheet for **RC200644A1V**

Human **EXT1 (NM_000127)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human EXT1 (NM_000127) AAV Particle
Tag:	Myc-DDK
Symbol:	EXT1
Synonyms:	EXT; LGCR; LGS; TRPS2; TTV
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200644 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGCAGGCCAAAAACGCTATTTTCATCCTGCTCTCAGCTGGCTCTTGTCTCGCCCTTTGTTTTATTTTCG
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CACTACCTATACTCCCATTACCTGCCAGCCAGCCTGAAGAACATGGTGGACCAATTGGCCAATTGTGAGG
ACATTCTCATGAACCTTCTGGTGTCTGCTGTGACAAAATTGCCTCCAATCAAAGTGACCCAGAAGAAGCA
GTATAAGGAGACAATGATGGGACAGACTTCTCGGGCTTCCCGTTGGGCTGACCTGACCACTTTGCCAG
CGACAGAGCTGCATGAATACGTTTGCCAGCTGGTTTGGCTACATGCCGCTGATCCACTCTCAGATGAGGC
TCGACCCCGTCTCTTTAAAGACCAGGTCTCTATTTTGAGGAAGAAATACCGAGACATTGAGCGACTT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC200644 protein sequence Red=Cloning site Green=Tags(s) MQAKKRYFILL SAGSCLALLFYFGGLQFRASRSHSRREEHSGRNLHHPSPDHFWRFPDARPFVFPWDQ LENESSVHISPRQKRDANSS IYKGKKCRMESCFDFTLCKKNGFKVYVYPQQKGEKIAESYQNILAAIEG SRFYTSDP SQACLFVLSLDTLDRDQLSPQYVHNLRSKVQSLHLWNNGRNHLIFNL YSGTWPDYTEDVGFD IGQAMLAKASISTENFRPNFDVSIPLFSKDHPRTGGERGFLKFNTIPPLRKYMLVFKGKRYLTGIGSDTR NALYHVHNGEDVLLTTCKHGKDWQKHKDSRCDRDNTEYEKYDYREMLHNATFCLVPRGRRLGSFRFLEA LQAACVPVMLSNGWELPFSEVINWNQAAVIGDERLLLQIPSTIRSIHQDKILALRQQTQFLWEAYFSSVE KIVLTTLEIIQDRIFKHISRNSLIWNKHPGGLFVLPQYSSYLGDFFYYYANLGLKPPSKFTAVIHAVTPL VSQSQPVLKLLVAAAKSQYCAQIIVLWNC DKPLPAKHRWPATAVPVVIEGESKVMSSRFLPYDNIITDA VLSLDEDTVLTTEVDFAFTVWQS FPERIVGYPARSHFWDNSKERWGYTSKWTNDYSMVLTGAAIYHKYY HYLYSHYLPASLKNMVDQLANCEDILMNFLVSAVTKLPPIKVTQKKQYKETMMGQTSRASRWADPDHFAQ RQSCMNTFASWFGYMP LIHSQMRLDPVLFKDQVSILRKKYRDIERL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000127
ORF Size:	2238 bp
Buffer:	PBS with 0.001% Pluronic F5090
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_000127.2</u>
RefSeq Size:	3376 bp
RefSeq ORF:	2241 bp
Locus ID:	2131
UniProt ID:	<u>Q16394</u>
Cytogenetics:	8q24.11
MW:	86.3 kDa