

Product datasheet for **RC209809A1V**

Human LARP7 (NM_016648) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human LARP7 (NM_016648) AAV Particle
Tag:	Myc-DDK
Symbol:	LARP7
Synonyms:	ALAZS; HDCMA18P; hLARP7; PIP7S
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209809 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAAACTGAAAGTGGAAATCAGGAAAAGGTAATGGAAGAAGAAAGCACTGAAAAGAAAAAGAAGTTG
 AAAAAAGAAACGGTCACGAGTTAAACAGGTGCTTGCAGATATTGCTAAGCAAGTGGACTTCTGGTTTG
 GGATGCAAAATCTTCACAGGATAGATTTCTTCGAGAACAGATAGAAAAATCTAGAGATGGATATGTTGAT
 ATATCACTACTTGTGTCTTTTAAACAAAATGAAAAATTGACTACTGATGGGAAGTTAATTGCCAGAGCGT
 TGAGAAGTTCACTGTTGTAGAGCTTGATTTGGAAGGCACCAGAATCCGGAGGAAAAACCTCTGGGGGA
 AAGACCAAGGATGAGGATGAACGCACAGTGTATGTGGAGTTACTTCCCAAAAATGTTAATCACAGCTGG
 ATTGAAAGAGTATTTGGGAAATGTGGCAATGTTGTTTATATAAGTATACCACATTATAAGTCTACTGGAG
 ATCCAAAGGGATTTGCGTTTGTGAATTTGAAACAAAAGAACAAGCAGCAAAAGCAATTGAGTTTCTTAA
 CAACCCACCAGAAGAAGCACCAAGAAAACCTGGCATATTTCTAAAACAGTGAAAAATAAGCCCATTCCA
 GCCTTAAGAGTTGTGGAAGAGAAGAAAAAGAAAAAGAAAGAGGCGCAATGAAAAAGGAAGACAATA
 TCCAAGCCAAAGAAGAAAAACATGGACACAAGCAACACCAGCATCAGTAAATGAAAAGATCCAGACCCAC
 ATCTGAGGGCTCTGACATTGAGTCCACTGAACCCCAAAAGCAGTGCTCAAAGAAAAAGAAAAACGGGAC
 AGAGTTGAAGCATCTAGCTTACCTGAAGTCAGAACAGGGAAGAGGAAGAGAAGCAGCTCTGAAGATGCAG
 AATCCCTAGCTCCCGATCAAAAGTAAAGAAAATTATTCAGAAAGACATCATTAGGAAGCATCAGAAGC
 TTCCAAGGAAATAGAGATATAGAAATCTCTACTGAAGAGGAAAAGGATACTGGAGATCTAAAAGATAGC
 TCTCTCTTGAAAAACAAAAGGAAACATAAGAAAAACATAAAGAGAGACATAAAATGGGAGAAGAAGTTA
 TACCATTAAGAGTGCTATCAAGAGCGAATGGATGGATTTGAAAAAGAGTATTTAGCGCTACAAAAAGC
 TAGCATGGCTTCTTTAAAAAAAACAATATCCCAATAAAATCAGAGTCAGAAATGGAAACAGACAGTGGGA
 GTACCTCAAAACACTGGAATGAAAAATGAAAAACAGCCAACAGGGAAGAGTGTGCGACCCAGGAGAAAG
 TTAATGCAACAGGACCACAGTTCGTGAGTGGAGTATTGTGAAGATCATTAGCACAGAGCCTCTACCTGG
 CAGGAAACAAGTCCGGGATACTTTGGCAGCAATCTCAGAAGTTCTTTATGTTGATTTGCTAGAAGGGGAT
 ACAGAATGCCATGCTAGATTTAAACTCCTGAGGATGCTCAAGCAGTAATAAATGCCTATACAGAAATTA
 ACAAGAAACACTGCTGGAACCTCGAGATCCTTTCTGGTGATCACGAACAAAGGTATTGGCAGAAGATTTT
 GGTGATAGACAGGCAAACTTAATCAGCCTCGGGAAGAAAAGAGGCACTGAAAAGTTAATCACCAAA
 GCTGAAAAGATTAGGCTGGCAAAGACTCAACAAGCGAGTAAACATATAAGATTTTCTGAATATGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209809 protein sequence
 Red=Cloning site Green=Tags(s)

METESGNQEKVMEEESTEKKKEVEKKRSRVKQVLADIAKQVDFWFGDANLHKDRFLREQIEKSRDGYVD
 ISLLVSFNKMKKLTDDGKLIARALRSSAVVELDLEGTRIRRKPLGERPKDEDERTVYVELLPKNVNHWS
 IERVFGKCGNVVYISIPHYKSTGDPKGFVFEFETKEQAAKAIEFLNPPPEEAPRKPGIFPKTVKNKPIP
 ALRVVEEKKKKKKKGRMKKEDNIQAKEENMDTSNTSISKMKRSRPTSEGSDIESTEPQKQCSKKKKKRD
 RVEASSLPEVRTGKRKRSSSEDAESLAPRSVKKIIQKDIKEASEASKENRDIEISTEEKDTGDLKDS
 SLLKTKRKHKKHKKRHKMGEEVIPLRVLSEWMDLKKEYLALQKASMASLKKTISQIKSESEMETDSG
 VPQNTGMKNEKTANREECRTQEKVNATGPQFVSGVIVKIISTEPLPGRKQVRDTLAAISEVLVYDLEGD
 TECHARFKTPEDAQAVINAYTEINKKHCKWLEILSGDHEQRYWQKILVDRQAKLNQPREKKRGTEKLITK
 AEKIRLAKTQQASKHIRFSEYD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_016648
ORF Size:	1746 bp
Buffer:	PBS with 0.001% Pluronic F6507
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_016648.2</u>
RefSeq Size:	2292 bp
RefSeq ORF:	1749 bp
Locus ID:	51574
UniProt ID:	<u>Q4G0J3</u>
Cytogenetics:	4q25
MW:	66.9 kDa