

Product datasheet for **RC212315A1V**

Human ENTPD7 (NM_020354) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ENTPD7 (NM_020354) AAV Particle
Tag:	Myc-DDK
Symbol:	ENTPD7
Synonyms:	LALP1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC212315 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCTAGGATCAGTTTTTCTACCTCTGCCAGCCTCCTGGTACTTCACTGTGCCACAGTGAGTCCAT
 TTCTCCGTACGCGGGTGGCATTCTGGGACTCTTCTTCATATCCTGTCTCCTTTTACTTATGTTAATCAT
 AGACTTTCGACATTGGAGTGCTTCAATACCACGAGATAGGCAATACGAAAGGTATTTGGCTCGAGTAGGG
 GAGCTTGAAGCTACTGACACTGAAGACCCAAATCTGAATTATGGACTTGTGTTGACTGTGGCAGCAGTG
 GTTCCCGGATTTTGTATTCTGGCCAAGACATAATGGGAACCCCATGACTTGCTGGACATCAAAACA
 GATGAGAGACCGCAACAGCCAACCACTGGTTAAAAAATCAAGCCAGGAATCTCTGCAATGGCAGACACT
 CCAGAATGCCAGTGATTACCTTCGCTCTGCTGAGCTTTGCTGCTGCTCATGTGCCTGTGAAGAAGC
 ACAAGGAGACCCCTCTTACATCCTCTGCACAGCAGGCATGAGGCTTCTCCCTGAGAGGAAGCAGTTGGC
 TATCTTGGCTGACCTAGTGAAAGATTTACCACTGGAGTTTGACTTCCTCTTTTACAGTCTCAAGCAGAA
 GTGATCTCTGGGAAGCAGGAAGGGGTTATGCATGGATTGGAATCAACTTTGTTTGGGAAGATTGACCC
 ACGAGGATGAATCAGATGCTGAGGCTACCCAGGAATTGGCAGCAGGACGAGAAGGACAGTAGGGATACT
 GGATATGGGAGGAGCCTCTCTCCAAATTGCTTATGAAGTTCTACCTCAACCTCTGTCTTCTGCAAAAG
 CAGGAAGAAGCTGCCAAGATCCTGCTGGCTGAGTTCAACCTGGGCTGTGATGTGCAACACACTGAACACG
 TGTACAGGGTTTATGTCACACTTTTCTGGGTTTCGGAGGCAACTTTGCCCGGCAGCGCTACGAAGACCT
 TGTTCTGAATGAACTCTTAACAAAAACAGATTGCTTGGTCAGAAGACAGGTCTGAGTCCCGACAATCCA
 TTTCTGGATCCCTGCCAGTGGGACTCACAGATGTGGTGGAGAGGAACAGCCAAGTCTTACATGTCC
 GAGGAAGAGGAGACTGGGTGTCTTGTGGGGCAATGCTGAGCCCCCTGCTGGCTCGCTCCAACACAGCCA
 GGCCTCACTCAATGGCATATATCAATCGCCTATTGACTTCAACAACAGCGAGTTCTACGGCTTCTCTGAG
 TTTTTTTATTGTACAGAGGATGTGTTGCGCATTGGTGGCCGCTACCATGGGCCAACATTTGCCAAGGCTG
 CTCAGGATTACTGTGGCATGGCTTGGTCGGTACTAACTCAGAGATTCAAGAATGGCCTCTTTTCATCACA
 TGCAGATGAGCATCGACTCAAATATCAGTGTTTTAAATCGGCTTGGATGTACCAAGTCTTACATGAAGGA
 TTCCACTTTCCCTATGACTACCCAAACCTGCGGACAGCCAGCTGGTGTATGACCGAGAGGTTCACTGGA
 CGCTGGGAGCCATTCTATATAAAACACGATTCTTACCACTCAGGGATCTTCGGCAGGAAGGTGTCCGACA
 AGCCCATGGTAGCTGGTCCGTCTCTCCTTTGTATAACAACCACTATCTCTTTTGCCTGTATCCTGGTG
 GTGCTACTGGCATCTTCTATACCTTCTGCGGCTACGCCGAATTCACCACCGACAAACACGAGCCTCAG
 CTCATTGGACTTGCTGTGGCTGAAGAGGTGGTGCCCATGATGGGAGTACAGGTGGGGCCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC212315 protein sequence
 Red=Cloning site Green=Tags(s)

MARISFSYLCPASWYFTVPTVSPFLRQRFVAFGLGLFFISCLLLMLIIDFRHWSASLPRDRQYERYLARVG
 ELEATDTEPNLNYGLVVDGSSGSRIFVYFWPRHNGNPHDLLDIKQMRDRNSQPVVKKIKPGISAMADT
 PEHASDYLRPLLSFAAAHVPVKKHKETPLYILCTAGMRLLPERKQLAILADLVKDLPLEDFLFSQSQAE
 VISGKQEGVYAWIGINFVLGRFDHEDESDAEATQELAAGRRTVGILDMGGASLQIAYEVPTSTSVLPAK
 QEAAKILLAEFNLGCDVQHTHEVYRVYVTTFLGFGNFARQRYEDLVNETLNKNRLLGQKTGLSPDNP
 FLDPCLPVGLTDVVERNSQVLHVRGRGDWVSCGAMLSPLLARSNTSQASLNGIYQSPIDFNNSEFYGFSE
 FFYCTEDVLRIGGRYHGPTFAKAAQDYCGMAWSVLTRFKNGLFSSHADEHRLKYQCFKSAWMYQVLHEG
 FHFPYDYPNLRTAQLVYDREVQWTLGAILYKTRFLPLRDLRQEGVRQAHGWSFRLSFVYNHYLFFACILV
 VLLAIFLYLLRLRIHHRQTRASAPLDLLWLEEVVPMMGVQVGP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_020354
ORF Size:	1812 bp
Buffer:	PBS with 0.001% Pluronic F6864
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_020354.2</u>
RefSeq Size:	8564 bp
RefSeq ORF:	1815 bp
Locus ID:	57089
UniProt ID:	<u>Q9NQZ7</u>
Cytogenetics:	10q24.2
MW:	69 kDa