

Product datasheet for **RC222535A1V**

Human LEPRE1 (P3H1) (NM_022356) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human LEPRE1 (P3H1) (NM_022356) AAV Particle
Tag:	Myc-DDK
Symbol:	P3H1
Synonyms:	GROS1; LEPRE1; OI8
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC222535 representing NM_022356
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGTACGCGGTTGAAGCTGCTGACCACACTGCTGGCTGTCGTGGCGCTGCCTCCCAAGCCGAGG
 TCGAGTCCGAGGCAGGATGGGGCATGGTGACGCCTGATCTGCTCTTCGCCGAGGGGACCGCAGCCTACGC
 GCGCGGGGACTGGCCCGGGTGGTCTGAGCATGGAACGGGCGCTGCGCTCCCGGGCAGCCCTCCGCGCC
 CTTGCGCTGCGCTGCCGACCCAGTGTGCCGCCGACTTCCCGTGGGAGCTGGACCCCGACTGGTCCCCCA
 GCGCGGCCAGGCCTCGGGCGCCGCCGCTGCGCAGCTGAGCTTCTTCGGGGGCTTCTGCGTCGCGC
 TGCCTGCCTGCGCGCTGCCTCGGGCGCCGCCGCGCCACTCGCTCAGCGAAGAGATGGAGCTGGAGTTC
 CGAAGCGGAGCCCTACAACCTACCTGCAGGTGCGCTACTTCAAGATCAACAAGTTGGAGAAAGCTGTTG
 CTGCAGCACACACCTTCTTCGTGGGCAATCCTGAGCACATGGAATGCAGCAGAACCTAGACTATTACCA
 AACCATGTCTGGAGTGAAGGAGGCCGACTTCAAGGATCTTGAGACTCAACCCCATATGCAAGAATTCGA
 CTGGGAGTGCGACTCTACTCAGAGGAACAGCCACAGGAAGCTGTGCCCCACCTAGAGGCGCGCTGCAAG
 AATACTTTGTGGCCTATGAGGAGTGCCGTGCCCTCTGCGAAGGGCCCTATGACTACGATGGCTACAACTA
 CCTTGAGTACAACGCTGACCTCTTCCAGGCCATCACAGATCATTACATCCAGGTCTCAACTGTAAGCAG
 AACTGTGTACGGAGCTTGCTTCCACCCAAGTCGAGAGAAGCCCTTTGAAGACTTCTCCCATCGCATT
 ATAATTATCTGCAGTTTGCTACTATAACATTGGGAATTATACACAGGCTGTTGAATGTGCCAAGACCTA
 TCTTCTCTTCTCCCAATGACGAGGTGATGAACAAAATTTGGCCTATTATGCAGCTATGCTTGGAGAA
 GAACACACCAGATCCATCGGCCCCCGTGAGAGTGCCAAGGAGTACCGACAGCGAAGCCTACTGGAAAAAG
 AACTGCTTTTCTCGCTTATGATGTTTTTGAATTCCCTTTGTGGATCCGGATTATGGACTCCAGAAGA
 AGTGATTCCCAAGAGATTGCAAGAGAAACAGAAGTCAGAACGGGAAACAGCCGTACGCATCTCCAGGAG
 ATTGGGAACCTTATGAAGGAAATCGAGACCTTGTGGAAGAGAAGACCAAGGAGTCACTGGATGTGAGCA
 GACTGACCCGGGAAGGTGGCCCCCTGCTGTATGAAGGCATCAGTCTCACCATGAACTCCAACTCCTGAA
 TGGTTCACGCGGGTGGTGATGGACGGCGTAATCTTGACCACGAGTGTGAGGAGCTGCAGAGACTGACC
 AATGTGGCAGCAACCTCAGGAGATGGCTACCGGGGTGAGACCTCCCCACATACTCCCAATGAAAAGTTCT
 ATGGTGTCACTGTCTTCAAAGCCCTCAAGCTGGGGCAAGAAGGCAAGTTCTCTGCAGAGTGCCACCT
 GTACTACAACGTGACGGAAGGTGCGGCGCATCATAGAGTCTACTTCCGCTGGATACGCCCCCTAC
 TTTTCTACTCTCATCTGGTGTGCCGCACTGCCATCGAAGAGGTCCAGGCAGAGAGGAAGGATGATAGTC
 ATCCAGTCCACGTGGACAACATGCATCCTGAATGCCGAGACCCTCGTGTGTGTCAAAGAGCCCCCAGCCTA
 CACCTTCCGCGACTACAGCGCCATCCTTTACCTAAATGGGGACTTCGATGGCGGAACTTTTATTTCACT
 GAACTGGATGCCAAGACCGTGACGGCAGAGGTGCAGCCTCAGTGTGGAAGAGCCGTGGGATTCTCTTCAG
 GCACTGAAAACCCACATGGAGTGAAGGCTGTACCAGGGGGCAGCGCTGTGCCATCGCCCTGTGGTTTAC
 CCTGGACCTCGACACAGCGAGCGGGACAGGTGCAGGCAGATGACCTGGTGAAGATGCTCTTCAGCCCA
 GAAGAGATGGACCTCTCCAGGAGCAGCCCTGGATGCCAGCAGGGCCCCCCCCGAACCTGCACAAGAGT
 CTCTCTCAGGCAGTGAATCGAAGCCCAAGGATGAGCTA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC222535 representing NM_022356 Red=Cloning site Green=Tags(s) MAVRALKLLTLLAVVAAASQAEVESEAGWGMVTPDLLFAEGTAAYARGDWPGVVL SMERALRSRAALRA LRLRCRTQCAADFPWELDPDWSPSPAQASGAAALRDL SFFGGLLRRAACLRCLGPPAAHSL SEEMELEF RKRSPYNLYQVAYFKINKLEKAVAAAHTFFVGNPEHMEMQQNLDDYYQTM SGVKEADFKDLETQPHMQEFR LGVRLYSEEQPQEAVPHLEAALQEYFVAYEECRALCEGPDYDYGYNLEYNADLFQAITDHYIQVLNCKQ NCVTELASHPREKPFEDFLPSHYNYLQFAYYINIGNYTQAVECAKTYLLFFPNDEV MNQNLAYYAAMLGE EHTRSIGPRESAKEYRQSLLEKELLFFAYDVF GIPFVDPDSWTPPEEVIPKRLQEKQKSERETAVRISQE IGNLMKEIETLVEEKTESLDVSRLTREGGPLLYEGISLT MNSKLLNGSQRVVMDGVISDHECQELQRLT NVAATSGDGYRGQTSPTPNKFGVTVFKALKLGQEGKVPLQSAHLYYNVTEKVRRIIESYFRLDTPLY FSYSHLVCRTAIEEVQAERKDDSHPVHVDN CILNAETLVCVKEPPAYTFRDYSAILYLN GDFDGGNFYFT ELDAKTVTAEVQPQCGRVGFSSGTENPHGVKAVTRGQRCAIALWFTLDPRHSERDRVQADDLVKMLFSP EEMDLSEQPLDAQQGPPEPAQESLSGESKPKDEL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_022356
ORF Size:	2208 bp
Buffer:	PBS with 0.001% Pluronic F8523
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_022356.2</u>
RefSeq Size:	2993 bp
RefSeq ORF:	2211 bp
Locus ID:	64175
UniProt ID:	<u>Q32P28</u>
Cytogenetics:	1p34.2
MW:	83.2 kDa