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Product datasheet for RC222397A1V

Human ApoER2 (LRP8) (NM_033300) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	LRP8
Synonyms:	APOER2; HSZ75190; LRP-8; MCI1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

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ORF Nucleotide Sequence:

>RC222397 representing NM_033300
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGCCTCCCCGAGCCGGGCCCTCTCCGGCTTCTGGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGC
TGCAGCTCCAGCATCTTGCGGCGGCAGCGGCTGATCCGCTGCTCGGCGGCCAAGGGCCGGCCAAGGATTG
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TGTGTACCTGCCTCGTGGCGCTGCGACGGGGAGAAGGACTGCGAGGGTGGAGCGGATGAGGCCGGCTGTG
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CAACCGGCACGAGGTGCGGAGGATCGACCTGGTGAAGCGGAACTATTCACGCCTCATCCCCATGCTCAAG
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CAAGAGCTCCAGATGCCTGTGAGCTGAGTGTCCAGCCTAATGGAGGCTGTGAATACCTGTGCCTTCCTGC
TCCTCAGATCTCCAGCCACTCTCCCAAGTACACATGTGCCTGTCCTGACACAATGTGGCTGGGTCCAGAC
ATGAAGAGGTGCTACCGAGCACCTCAATCTACCTCAACTACGACGTTAGCTTCTACCATGACGAGGACAG
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GAAGAAGAAGACGAAGATGAGCTCCATATAGGGAGAACTGCTCAGATTGGCCATGTCTATCCTGCAGCAA
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CCCTGCCCTCAAGGAGCTTTTTGTCTTGCCGGGGGAACCAAGGTCACAGCTGCACCAACTCCCGAAGAAC
CCTCTTTCCGAGCTGCCTGTCGTCAAATCCAAGCGAGTGGCATTAAGCCTTGAAGATGATGGACTACCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Protein Sequence:

>RC222397 representing NM_033300
Red=Cloning site Green=Tags(s)

MGLPEPGPLRLLALLLLLLLLLLLQLQHLAAAAADPLLGGQGPAKDCEKDQFQCRNERCIPSVWRCDEDD
DCLDHSDEDDCPKKTCADSDFTCDNGHCIHERWKCDGEEECPDGSDESEATCTKQVCPAEKLSCGPTSHK
CVPASWRCDGEKDCEGGADEAGCATWLNECLHNNGGCSHICTDLKIGFECTCPAGFQLLDQKTCGDIDEC
KDPDACSQICVNYKGYFKCECYPGYEMDLLTKNCKAAAGKSPSLIFTNRHEVRRIDLVKRNYSRLIPMLK
NVVALDVEVATNRIYWCDLSYRKIYSAYMDKASDPKEQEVLIDEQLHSPEGLAVDWVHKHIYWTDSGNKT
ISVATVDGGRRRTLFSRNLSEPRAIAVDPLRGFMYWSDWGDQAKIEKSGLNGVDRQTLVSDNIEWPNGIT
LDLLSQRLYWVDSKLHQLSSIDFSGGNRKTLISSTDFLSHPFGIAVFEDKVFWTDLENEAIFSANRLNGL
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MKRCYRAPQSTSTTTLASTMTRTVPATTRAPGTTVHRSTYQNHSTETPSLTAAVPSSVSVPRAPSISPST
LSPATSNHSQHYANEDSKMGSTVTAAVIGIIVPIVVIALLCMSGYLIWRNWKRKNTKSMNFDNPVYRKTT
EEEDEDELHIGRTAQIGHVYPAAISSFDRPLWAEPCLGETREPEDPAPALKELFVLPGEPRSQLHQLPKN
PLSELPVVKSKRVALSLEDDGLP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_033300

ORF Size: 2379 bp

Buffer: PBS with 0.001% Pluronic F8500

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: NM_033300.3

RefSeq Size: 7273 bp

RefSeq ORF: 2382 bp

Locus ID: 7804

UniProt ID: Q14114

Cytogenetics: 1p32.3

MW: 88 kDa