

Product datasheet for **RC200530A1V**

Human Claudin 7 (CLDN7) (NM_001307) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human Claudin 7 (CLDN7) (NM_001307) AAV Particle
Tag: Myc-DDK
Symbol: Claudin 7
Synonyms: CEPTRL2; claudin-1; CLDN-7; CPETRL2; Hs.84359
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC200530 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCAATTCGGGCTGCAGTTGCTGGGCTTCTCCATGGCCCTGCTGGGCTGGGTGGGTCTGGTGGCCT
 GCACCGCCATCCCGCAGTGGCAGATGAGCTCCTATGCGGGTGACAACATCATCACGGCCAGGCCATGTA
 CAAGGGGCTGTGGATGGACTGCGTCACGCAGAGCACGGGGATGATGAGCTGCAAATGTACGACTCGGTG
 CTCGCCCTGTCCGGCGCCTTGCAGGCCACTCGAGCCCTAATGGTGGTCTCCCTGGTGGTGGCTTCTCTGG
 CCATGTTTGTGGCCACGATGGGCATGAAGTGCACGCGCTGTGGGGGAGACGACAAAGTGAAGAAGGCCCG
 TATAGCCATGGGTGGAGGCATAATTTTCATCGTGGCAGGTCTTGCCACCTTGGTAGCTTGTCTCTGGTAT
 GGCCATCAGATTGTACAGACTTTTATAACCTTTGATCCCTACCAACATTAAGTATGAGTTTGGCCCTG
 CCATCTTTATTGGCTGGGCAGGGTCTGCCCTAGTCATCCTGGGAGGTGCACTGCTCTCTGTTCCTGTCC
 TGGGAATGAGAGCAAGGCTGGGTACCGTGCACCCCGCTTTACCTAAGTCCAACCTTTCCAAGGAGTAT
 GTG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC200530 protein sequence
 Red=Cloning site Green=Tags(s)

MANSGLQLLGFSMALLGWVGLVACTAIPQWQMSSYAGDNIITAQAMYKGLWMDCVTQSTGMMSCMYDSV
 LALSAALQATRALMVVSLVLGFLAMFVATMGKCTRCGGDDKVKKARIAMGGGIIFIVAGLATLVACSWY
 GHQIVTDFYNPLIPTNIIKYEFGPAIFIGWAGSALVILGGALLSCSCPGNESKAGYRAPRSYPKSNSKEY
 V

TRTRPLEQKLISEEDLAANDILDYKDDDDKV


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Species:	Human
Serotype:	AAV-2
ACCN:	NM_001307
ORF Size:	633 bp
Buffer:	PBS with 0.001% Pluronic F68
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_001307.3 , NP_001298.2
RefSeq Size:	2029 bp
RefSeq ORF:	636 bp
Locus ID:	1366
UniProt ID:	O95471
Cytogenetics:	17p13.1
MW:	22.4 kDa