

## Product datasheet for RC219687A1V

### Human Claudin 14 (CLDN14) (NM\_144492) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human Claudin 14 (CLDN14) (NM_144492) AAV Particle
Tag:	Myc-DDK
Symbol:	Claudin 14
Synonyms:	DFNB29
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC219687 representing NM_144492 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**

ATGGCCAGCACGGCCGTGCAGCTTCTGGGCTTCTGCTCAGCTTCTGGGCATGGTGGGCACGTTGATCA  
CCACCATCCTGCCGACTGGCGGAGGACAGCGCACGTGGGCACCAACATCCTCACGGCCGTGTCTACCT  
GAAAGGGCTCTGGATGGAGTGTGTGGCACAGCACAGGCATCTACCAGTGCCAGATCTACCGATCCCTG  
CTGGCGCTGCCCAAGACCTCCAGGCTGCCCGGCCCTCATGGTCATCTCCTGCCTGCTCTCGGGCATAG  
CCTGCGCTGCGCGTCACTCGGGATGAAGTGCACGCGCTGCGCCAAGGGCACACCCGCAAGACCACCTT  
TGCCATCCTCGGCGGCACCCTTTCATCCTGGCCGGCCTCCTGTGCATGGTGGCCGTCTCCTGGACCACC  
AACGACGTGGTGCAGAACTTCTACAACCCGCTGCTGCCAGCGGCATGAAGTTTGAGATTGGCCAGGCC  
TGTACCTGGGCTTCTCCTCGTCCCTCTCGCTCATTGGTGGCACCCCTGCTTTGCCTGTCTGCCAGGA  
CGAGGCACCCTACAGGCCCTACCAGGCCCGCCAGGGCCACCACGACCACTGCAAAACCCGCACCTGCC  
TACCAGCCACCAGCTGCCTACAAAGACAATCGGGCCCCCTCAGTGACCTCGGCCACGCACAGCGGTACA  
GGCTGAACGACTACGTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	>RC219687 representing NM_144492 Red=Cloning site Green=Tags(s)  MASTAVQLLGFLLSFLGMVGTLLITLPHWRRTAHVGTNILTAVSYLKGLWMECVWHSTGIYQCQIYRSL LALPQDLQAARALMVISCLLSGIACACAVIGMKCTRCAGTPAKTTFAILGGTLFILAGLLCMVAVSWTT NDVVQNFYNPLLP SGMKFEIGQALYLGFISSSLIGGTLCLSCQDEAPYRPYQAPPRATTTTANTAPA YQPPAAVKDNRAPSVTSATHSGYRLNDYV  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_144492
<b>ORF Size:</b>	717 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u>NM_144492.1</u>
<b>RefSeq Size:</b>	1942 bp
<b>RefSeq ORF:</b>	720 bp
<b>Locus ID:</b>	23562
<b>UniProt ID:</b>	<u>O95500</u>
<b>Cytogenetics:</b>	21q22.13
<b>MW:</b>	25.5 kDa