

## Product datasheet for **RC229582A1V**

### Human Claudin 7 (CLDN7) (NM\_001185023) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human Claudin 7 (CLDN7) (NM\_001185023) 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:** >RC229582 representing NM\_001185023  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGCCAATTCGGGCCTGCAGTTGCTGGGCTTCTCCATGGCCCTGCTGGGCTGGGTGGTCTGGTGGCCT  
GCACCGCCATCCCGCAGTGCCAGATGAGCTCCTATGCGGGTGACAACATCATCACGGCCAGGCCATGTA  
CAAGGGGCTGTGGATGGACTGCGTCACGCAGAGCACGGGGATGATGAGCTGCAAATGTACGACTCGGTG  
CTCGCCCTGTCCGCGGCCTTGCAAGCCACTCGAGCCCTAATGGTGGTCTCCCTGGTCTGGGCTTCTCTGG  
CCATGTTGTGGCCACGATGGGCATGAAGTGCACGCGCTGTGGGGGAGACGACAAAGTAAGAAGGCCCG  
TATAGCCATGGGTGGAGGCATAATTTTCATCGTGGCAGGTATGAGTTTGGCCCTGCCATCTTTATTGGCT  
GGGCAGGTCTGCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC229582 representing NM\_001185023  
Red=Cloning site Green=Tags(s)

MANSGLQLLGFSMALLGWVGLVACTAIPQWQMSSYAGDNIITAQAMYKGLWMDCVTQSTGMMSCKMYDSV  
LALSSAALQATRALMVVSLVLFLAMFVATMGMKCTRCGDDKVKKARIAMGGGIIFIVAGMSLALPSLLA  
GQGLP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human

**Serotype:** AAV-2



[View online »](#)

ACCN:	NM_001185023
ORF Size:	435 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:	<u>NM_001185023.1, NP_001171952.1</u>
RefSeq ORF:	438 bp
Locus ID:	1366
UniProt ID:	<u>O95471</u>
Cytogenetics:	17p13.1
MW:	15.6 kDa