

Product datasheet for **RC217750A1V**

Human Chloride Channel 5 (CLCN5) (NM_000084) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Chloride Channel 5 (CLCN5) (NM_000084) AAV Particle
Tag:	Myc-DDK
Symbol:	CLCN5
Synonyms:	CIC-5; CLC5; CLCK2; DENT1; DENTS; hCIC-K2; NPHL1; NPHL2; XLRH; XRN
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC217750 representing NM_000084.

Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGGACTTCTTGGAGGAGCCAATCCCTGGTGTAGGGACCTATGATGATTTCAATACAATTGATTGGGTG
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CCATTGCCACCATACACTCCACCCTCTAAAGCTTCGGAACATCCTCGATCTCAGCCCCCTTCACTGTG
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ACACACAACGGGCGATTGCTTGAATCATTACCAAAAAGGATGTGTTAAAGCATATAGCACAGATGGCG
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Protein Sequence:	>Peptide sequence encoded by RC217750 Blue=ORF Red=Cloning site Green=Tag(s) MDFLEELIPGVGTYYDDFNTIDWVREKSRDRDRHREITNKSKESTWALIHVSDAFSGWLLMLLIGLLSG SLAGLIDISAHWMTDLKEGICTGGFWFNHEHCCWNSEHVTFEERDKCPEWNSWSQLIISTDEGAFAYIV NYFMVVLWALLFAFLAVSLVKVFAPYACGSGIPEIKTILSGFIIRGYLGKWTLVIKTITLVAVSSGLS LGKEGPLVHVACCCGNILCHCFNKYRKNEAKRREVLAAAAAGVSAFGAPIGGVLFSLSEEVSYFFPLK TLWRSFFAALVAAFTLRSINPFGNSRLVLFYVEFHTPWHLFELVPFILLGIFGGLWGALFIRTNIAWCR KRKTTQLGKYPVIEVLVVTAILAFNPNEYTRMSTSELISELFNDGCLLDSSKLCDYENRFNTSKGGE LPDRPAGVGVSAMWQLALTLILKIVITIFTFGMKIPSGLFIPSMAGAIAGRLLGVGMEQLAYYHQEW TVFNSWCSQGADCITPGLYAMVGAAACLGVTMTVSLVVIMFELTGLEYIVPLMAAAMTSKWADAL GREGIYDAHIRLNGYPFLEAKEEFAHKTAMDVMKPRRNDPLLTVLTQDSMTVEDVETIISETTYSGFP VVVSRESQRLVGFVLRDLIISIENARKKQDGVVSTSIIFYTEHSPPLPPYTPPTLKLRLNLDLSPFTV TDLTPMEIVVDIFRKLGLRQCLVTHNGRLLGIITKKDVLKHIAQMANQDPDSILFN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000084
ORF Size:	2238 bp
Buffer:	PBS with 0.001% Pluronic F7735
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_000084.1</u>
RefSeq Size:	3173 bp
RefSeq ORF:	2241 bp
Locus ID:	1184
UniProt ID:	<u>P51795</u>
Cytogenetics:	Xp11.23
MW:	83.1 kDa