

Product datasheet for **RC215764A1V**

Human SLC6A20 (NM_020208) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC6A20 (NM_020208) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC6A20
Synonyms:	IMINO; SIT1; XT3; Xtrp3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC215764 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAGAAAGCGCGGCCGCTGTGGGCAACTCGCTACAGTTCGTGTTGCCTGCATCTCGTACGCCGTGG
 GCCTGGGCAACGTGTGGCGATTCCCGTACCTGTGCCAGATGTACGGCGGAGGTAGTTTCCTGGTCCCCTA
 CATCATCATGCTTATCGTGGAGGGAATGCCGCTCTGTACCTGGAAGTGGCTGTGGGGCAGCGCATGCGG
 CAGGGCAGCATCGGCGCCTGGAGGACCATCAGCCCGTACCTCAGTGGTGTGCGGGTGCAGCGTGGTGG
 TCTCTTTCTTCTCTCCATGTACTACAACGTATCAACGCCTGGGCCTTCTGGTACCTCTTCCACTCCTT
 CCAGGATCCCCTGCCGTGGTCTGTCTGCCCACTGAATGGTAACACACGGGCTACGATGAGGAGTGCGAG
 AAGGCGTCTCCACACAGTACTTCTGGTACAGGAAAACCTCAATATCTCGCCGTCCCTCCAGGAGAACG
 GGGGTGTGAGTGGGAGCCGGCGCTGTGCCTCCTCTGGCCTGGCTGGTGGTGTACCTGTGCATCCTGCG
 TGGCACCAGTCCACTGGCAAGGTGGTGTATTTACGGCGTCACTGCCCTATTGCGTGTGCATCATCTAC
 CTCATCAGGGGCTCACGCTCCACGGAGCCACCAATGGCCTCATGTACATGTTCACTCCCAAGATAGAGC
 AGCTGGCCAACCCCAAGGCTGGATCAATGCAGCCACCCAGATCTTCTTCTCACTTGGCCTGGGCTTCGG
 CAGCCTGATCGCTTCGCCAGCTACAATGAGCCATCCAACAACGCCAGAAGCAGCCATCATCGTGTC
 CTCATCAACAGCTTCACTCCATATTTGCCAGCATTGTACCTTCTCCATCTATGGCTTCAAGGCCACCT
 TCAATTATGAAACTGCTTGAAGAAGGTGAGTCTGCTGCTGACCAACACTTTTGACCTTGAAGATGGCTT
 TTTGACAGCCAGCAACCTGGAGCAGGTGAAGGGCTACCTCGCATCTGCCTACCAAGCAAATACAGCGAG
 ATGTTCCCGCAAATCAAAACTGCAGCTTGAATCGGAGCTAGACACGGCCGCTCCAGGGCACTGGCCTGG
 CATTTCATCGTCTATACAGAGGCCATTAACCAATGGAGGTGTCCAGCTGTGGTGGTGTCTACTTCTT
 CATGCTGCTGATGCTGGGCATTGGGAGCATGCTGGGGAACACAGCGGCCATCCTCACCCCTCTGACAGAC
 AGCAAGATCATCTCCAGCCACCTGCCCAAGGAGGCCATCTCAGGTCTGGTGTGCCTTGTCAACTGTGCCA
 TTGGCATGGTGTTCACGATGGAGGCTGGGAACACTGGTTTGACATATTCAACGACTACGCGGCCACACT
 GTCCCTGCTGCTCATCGTGTGGTGGAGACGATTGCCGTGTGCTACGTGTACGGGCTGAGGAGATTTGAA
 AGTGACCTTAAGGCCATGACCGGCCGAGCTGTGAGCTGGTACTGGAAGGTGATGTGGGCTGGCGTAAGCC
 CACTGCTGATTGTGAGCCTCTTGTCTTCTACCTGAGCGACTACATCCTCACGGGACCTGAAGTATCA
 AGCCTGGGACGCCTCCAGGGCCAGCTCGTGACCAAAGATTACCGGCCATGCACTGGTGTGCATCGGG
 CTGCTTGTGGCCTCTCCACCATGTGCATCCCCCTGGCGGCCCTGGGACTTTTGTTCAGCGTCGCCTCA
 AGAGGGGAGACGACGACCCCGTGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC215764 protein sequence
 Red=Cloning site Green=Tags(s)

MEKARPLWANSIQFVFACISYAVGLGNVWRFPYLCQMYGGGSLVPYIIMLIVEGMPLLYLELAVGQRM
 QGSIGAWRTISPYLSGVGVASVVVSFFLSMYNVINAWAFWYLFHSFQDPLPWSVCPNLGNHTGYDEECE
 KASSTQYFWYRKLNLISPSLQENGGVQWEPALCLLLAWLVVYLCILRGTESTGKVVYFTASLPYCVLI
 LIRGLTLHGATNGLMYMFTPKIEQLANPKAWINAATQIFFSLGLGFGSLIAFASYNEPSNNCQKHAI
 LINSFTSIFASIVTFSIYGKATFNENCLKKVSLLLTNTFDLEDGFLTASNLEQVKGYLASAYPSKYSE
 MFPQIKNCSLESELDTAVQGTGLAFIVYTEAIKNMEVSQLWSVLYFFMLMLGIGSMLGNTAAILTPLTD
 SKIISHLPEKISGLVCLVNCAIGMVFTMEAGNYWFDIFNDYAATLSLLLIVLVETIACVYVYGLRRFE
 SDLKAMTGRAVSWYKVMWAGVSPLLIVSLFVYLSDYILTGTLKYQAWDASQQLVTKDYPAYALAVIG
 LLVASSTMCIPLAALGTFVQRRLKRGDADPVA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_020208
ORF Size:	1776 bp
Buffer:	PBS with 0.001% Pluronic F7435
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_020208.2</u>
RefSeq Size:	5455 bp
RefSeq ORF:	1779 bp
Locus ID:	54716
UniProt ID:	<u>Q9NP91</u>
Cytogenetics:	3p21.31
MW:	65.9 kDa