

Product datasheet for **RC204136A1V**

Human xCT (SLC7A11) (NM_014331) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human xCT (SLC7A11) (NM_014331) AAV Particle
Tag:	Myc-DDK
Symbol:	xCT
Synonyms:	CCBR1; xCT
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC204136 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGTCAGAAAGCCTGTTGTGTCCACCATCTCCAAAGGAGTTACCTGCAGGAAATGTTAACGGGAGGC
 TGCCCTCCCTGGCAACAAGGAGCCACCTGGGCAGGAGAAAGTGCAGCTGAAGAGGAAAGTCACTTTACT
 GAGGGGAGTCTCCATTATCATTGGCACCATCATTGGAGCAGGAATCTTCATCTCTCCTAAGGCGTGCTC
 CAGAACACGGGACGCTGGGCATGTCTGTGACCATCTGGACGGTGTGTGGGGTCTGTCCTACTTTGGAG
 CTTTGTCTTATGCTGAATTGGGAACAATAAAGAACTGGAGGTCATTACACATATATTTTGGAAAGT
 CTTTGGTCCATTACCAGCTTTTGTACGAGTCTGGGTGGAACCTCCTATAACGCCCTGCAGCTACTGCT
 GTGATATCCCTGGCATTGGACGCTACATTCTGGAACCATTTTTTATTCAATGTGAAATCCCTGAACCTG
 CGATCAAGCTCATTACAGCTGTGGGCATAACTGTAGTGTGGTCTAAATAGCATGAGTGTGAGTGGAG
 CGCCCGGATCCAGATTTTCTAACCTTTTGAAGCTCACAGCAATTCTGATAATTATAGTCCCTGGAGTT
 ATGCAGCTAATTAAGGTCAAACGCAGAACTTTAAAGACGCCTTTTCAGGAAGAGATTCAAGTATTACGC
 GTTGCCACTGGCTTTTATTATGGAATGTATGCATATGCTGGCTGGTTTTACCTCAACTTTGTTACTGA
 AGAAGTAGAAAACCTGAAAAACCATTCCCCTTGAATATGTATATCCATGGCCATTGTCAACATTGGC
 TATGTGCTGACAAATGTGGCCTACTTTACGACCATAATGCTGAGGAGCTGCTGCTTTCAATGCAGTGG
 CAGTGACCTTTTCTGAGCGGCTACTGGGAAATTTCTCATTAGCAGTCCGATCTTTGTTGCCCTCTCTG
 CTTTGGCTCCATGAACGGTGGTGTGTTGTCTCCAGGTTATCTATGTTGCGTCTCGAGAGGGTAC
 CTTCCAGAAATCCTCTCCATGATTCATGTCCGCAAGCACACTCCTACCAGCTGTTATTGTTTTGCACC
 CTTTGACAATGATAATGCTCTTCTCTGGAGACCTCGACAGTCTTTTGAATTTCTCAGTTTTGCCAGGTG
 GCTTTTTATTGGGCTGGCAGTTGCTGGGCTGATTTATCTTCGATACAAATGCCAGATATGCATCGTCT
 TTCAAGGTGCCACTGTTATCCAGCTTTGTTTTCTTACATGCCTTCTCATGTTGCCCTTTCCCTCT
 ATTCGGACCCATTTAGTACAGGGATTGGCTTCGTCACTACTCTGACTGGAGTCCCTGCGTATTATCTCT
 TATTATATGGGACAAGAAACCCAGTGGTTTAGAATAATGTCAGAGAAAATAACCCAGAACATTACAAATA
 ATACTGGAAGTTGTACCAGAAGAAGATAAGTTA

ACGCGTACGCGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204136 protein sequence
 Red=Cloning site Green=Tags(s)

MVRKPVVSTISKGGYLQGNVNGRLPSLGNKEPPGQEKVQLKRKVTLLRGVSIIGTIIGAGIFISPKGVL
 QNTGSVMSLTIWTVCGVLSLFGALSYAELGTTIKKSGGHYTYILEVFGPLPAFVRVWVELLIIRPAATA
 VISLAFGRYILEPFFIQCEIPELAIKLITAVGITVVMVLNMSVSWARSARIQIFLTFCKLTAILIIVPGV
 MQLIKGQTQNFKDAFSGRDSSITRLPLAFYGYMYAYAGWFYLNFTVEEVENPEKTIPLAICISMAIVTIG
 YVLTNVAIFTTINAEELLSNAVAVTFSERLLGNFSLAVPIFVALSCFGSMGGVFVAVSRLFVYASREGH
 LPEILSMIHVRKHTPLPAVIVLHPLTMIMLFSGLDSLNLFLSFARWFIGLAVAGLIYLRKCPDMHRP
 FKVPLFIPALFSFTCLFMVALSLYSDPFSTGIGFVITLTGVPAYYLFIIWDKKPRWFRIMSEKITRTLQI
 ILEVVPEDKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_014331

ORF Size:

1503 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_014331.3</u> , <u>NP_055146.1</u>
RefSeq Size:	9648 bp
RefSeq ORF:	1506 bp
Locus ID:	23657
UniProt ID:	<u>Q9UPY5</u>
Cytogenetics:	4q28.3
MW:	55.4 kDa