

Product datasheet for **RC200229A1V**

Human Calnexin (CANX) (NM_001746) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Calnexin (CANX) (NM_001746) AAV Particle
Tag:	Myc-DDK
Symbol:	CANX
Synonyms:	CNX; IP90; P90
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200229 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAAGGGAAGTGGTTGCTGTGTATGTTACTGGTGTGGAAGTCTATTGTTGAGGCTCATGATGGAC
 ATGATGATGATGTGATTGATATTGAGGATGACCTTGACGATGTCATTGAAGAGGTAGAAGACTCAAAACC
 AGATAACCACTGCTCCTCTTCATCTCCCAAGGTTACTTACAAAGCTCCAGTTCCTCAACAGGGGAAGTATAT
 TTTGCTGATTCTTTGACAGAGGAAGTCTGTGAGGGTGGATTTTATCCAAAGCCAAGAAAGACGATACCG
 ATGATGAAATTGCCAAATATGATGGAAGTGGGAGGTAGAGGAAATGAAGGAGTCAAAGCTTCCAGGTGA
 TAAAGGACTTGTGTTGATGTCTCGGGCCAAGCATCATGCCATCTCTGCTAAACTGAACAAGCCCTTCCTG
 TTTGACACCAAGCCTCTCATTGTTGATGAGGTTAATTTCCAAATGGAATAGAATGTGGTGGTGCCT
 ATGTGAAACTGCTTTCTAAAACACCAGAACTCAACCTGGATCAGTTCATGACAAGACCCCTTATACGAT
 TATGTTTGGTCCAGATAAATGTGAGAGGACTATAAACTGCATTCATCTCCGACACAAAAACCCCAAA
 ACGGGTATCTATGAAGAAAAACATGCTAAGAGGCCAGATGCAGATCTGAAGACCTATTTTACTGATAAGA
 AAACACATCTTTACACTAATCTTGAATCCAGATAATAGTTTGAATACTGGTTGACCAATCTGTGGT
 GAATAGTGAAATCTGCTCAATGACATGACTCCTCTGTAATCCTTCACGTGAAATTGAGGACCCAGAA
 GACCGGAAGCCCGAGGATTGGGATGAAAGACCAAAAAATCCAGATCCAGAAGCTGTCAAGCCAGATGACT
 GGGATGAAGATGCCCTGCTAAGATTCCAGATGAAGAGGCCACAAAACCCGAAGGCTGGTTAGATGATGA
 GCCTGAGTACGTACCTGATCCAGACGCAGAGAAACCTGAGGATTGGGATGAAGACATGGATGGAGAATGG
 GAGGCTCTCAGATTGCCAACCTAGATGTGAGTCAGCTCCTGGATGTGGTGTCTGGCAGCGACCTGTGA
 TTGACAACCCCAATTATAAAGGCAATGGAAGCCTCCTATGATTGACAATCCAGTTACCAGGGAATCTG
 GAAACCCAGGAAAATACCAATCCAGATTTCTTTGAAGATCTGGAACCTTTCAGAATGACTCCTTTTAGT
 GCTATTGGTTTGGAGCTGTGGTCCATGACCTCTGACATTTTTTTTGAACCTTTATCATTGTGCTGATC
 GAAGAATAGTTGATGATTGGGCAATGATGGATGGGGCCTGAAGAAAGCTGCTGATGGGGCTGCTGAGCC
 AGGCGTTGTGGGCAGATGATCGAGGCAGCTGAAGAGCGCCCGTGGCTGTGGTAGTCTATATTCTAACT
 GTAGCCCTTCTGTGTTCTGTTATCCTCTTCTGCTGTTCTGGAAGAAACAGACCAGTGGTATGGAGT
 ATAAGAAAAGTATGCACCTCAACCGGATGTGAAGGAAGAGGAAGAAGAGAAGGAAGAGGAAAAGGACAA
 GGGAGATGAGGAGGAGGAAGGAGAAGAGAACTTGAAGAGAAACAGAAAAGTATGCTGAAGAAGATGGT
 GGCATGTGAGTCAAGAGGAGGAAGACAGAAAACCTAAAGCAGAGGAGGATGAAATTTTGAACAGATCAC
 CAAGAAACAGAAAGCCACGAAGAGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200229 protein sequence
 Red=Cloning site Green=Tags(s)

MEGKWLCLMLVLGTAIVEAHDGHDDVIDIEDLDDVIEEVEDSKPDTTAPPSSPKVTYKAPVPTGEVY
 FADSFDRGTLGWLKSKAKKDDTDDEIAKYDGKWEVEEMKESKLPDGKGLVLMRAKHHAISAKLNKPF
 FDTKPLIVQYEVNFQNGIECGGAYVKLLSKTPELNLDQFHDKTPYTIMFGPKDCGEDYKLFIFRHKNP
 TGIYEEKHAKRPDADLKYFTDKKTHLYTLILNPDNSFEILVDQSVVNSGNLLNDMTPPVNPSREIEDPE
 DRKPEDWDERPKIPDPEAVKPDWDEDAPAKIPDEEATKEGWLDDPEYVPDPAEKPEDWDEDMGGEW
 EAPQIANPRCESAPGCGVWQRPVIDNPNYKWKWPPMIDNPSYQGIWKPRKIPNPDFFEDLEPFRMTF
 AIGLELWSMTSDIFFDNFIICADRRIVDDWANDGWGLKKAADGAAEPGVVGQMIEAAEERPLWVYYILT
 VALPVFLVILFCCSGKKQTSMEYKTDAPQPDVKEEEEEKEEEKDKGDEEEEGEEKLEEKQKSDAEEDG
 GTVSQEEEDRKPKAEDEILNRSRNRKPRRE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001746
ORF Size:	1776 bp
Buffer:	PBS with 0.001% Pluronic F5028
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_001746.3</u>
RefSeq Size:	4953 bp
RefSeq ORF:	1779 bp
Locus ID:	821
UniProt ID:	<u>P27824</u>
Cytogenetics:	5q35.3
MW:	67.6 kDa