

Product datasheet for **RC206029A1V**

Human SLC20A2 (NM_006749) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC20A2 (NM_006749) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC20A2
Synonyms:	GLVR-2; GLVR2; IBGC1; IBGC2; IBGC3; MLVAR; PIT-2; PIT2; Ram-1; RAM1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC206029 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**C

 ATGGCCATGGATGAGTATTTGTGGATGGTCATTTTGGTTTCATCATAGCTTTTCATCTTGGCCTTTTCTG
TTGGTGCAAACGATGTTGCCAACTCCTTTGGTACAGCCGTGGGCTCTGGTGTGGTGACCTTGAGGCAGGC
ATGCATTTTAGCTTCAATATTTGAAACCACCGGCTCCGTGTTACTAGGCGCCAAAGTAGGAGAAACCATT
CGCAAAGGTATCATTGACGTGAACCTGTACAACGAGACGGTGGAGACTCTCATGGCTGGGGAAGTTAGTG
CCATGGTTGGTTCCGCTGTGTGGCAGCTGATTGCTTCTTCTGAGGCTTCCAATCTCAGGAACGCACTG
CATTGTGGGTTCTACTATAGGATTCTCACTGGTCGCAATCGGTACCAAAGGTGTGCAGTGGATGGAGCTT
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CAGGTCCTCACCGCTGTTTCGGGTCCTTGTCTACGGCGGCAATGACGTGAGTAATGCCATCGGTCCCC
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GTTTTATGGAGGAGTTGGAATCTGCACAGGCCTCTGGGCTGGGGGAGAAGAGTGATCCAGACCATGGGG
AAGGACCTCACTCCCATCACGCGTCCAGCGGCTTACGATCGAGCTGGCCTCAGCCTTCACAGTGGTGA
TCGCCTCCAACATCGGGCTTCCAGTCAGCACCACGCACTGTAAGGTGGGCTCGGTGGTGGCCGTGGGCTG
GATCCGCTCCGCAAGGCTGTGGACTGGCGCCTCTTTCGGAACATCTTCGTGGCCTGGTTCGTGACCGTC
CCTGTGGCTGGGCTGTTACGCGCTGCTGTATGGCTCTTCTCATGTATGGGATCCTTCCATATGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC206029 protein sequence Red=Cloning site Green=Tags(s) MAMDEYLWMVILGFIIAFILAFSVGANDVANSFGTAVGSGVVTLRQACILASIFETTGSVLLGAKVGETI RKGIIIDVNLNETVETLMAGEVSAMVGSAAVWQLIASFLRLPISGTHCIVGSTIGFSLVAIGTKGVQWMEL VKIVASWFISPLLSGFMSGLLFVLIRIFILKKEDPVPNGLRALPVFYAATIAINVFSIMYTGAPVLGLVL PMWAIALISFGVALLFAFFVWLFVCPWMRRKITGKLQKEGALSRVSDLSKVQEAESPVKELPGAKAN DDSTIPLTGAAGETLGTSEGTSAAGHPRAAYGRALSMTHGSKVSPISNGTFGFDGHRSDGHVYHTVHKD SGLYKDLLHKIHDGRPEEKPAQESNYRLRRNNSYTCYTAICGLPVHATFRAADSSAPEDSEKLVGDT VSYSKRLRYDSYSSYCNAAVAEAEIEAEEGGVEMKLASELADPDQPREDAEEEEKEEKDAPEVHLLFHFL QVLTAFCGSFAHGGNDVSNAGPLVALWLIYKQGGVTQEAATPVWLLFYGGVGICTGLWVGRRVIQTMG KDLTPITPSSGFTIELASFTVVIASNIGLPVSTTHCKVGSVAVGWIRSRKAVDWRLFRNIFVAWFVTV PVAGLFSAAVMALLMYGILPYV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006749
ORF Size:	1956 bp
Buffer:	PBS with 0.001% Pluronic F5801
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_006749.3</u>
RefSeq Size:	3971 bp
RefSeq ORF:	1959 bp
Locus ID:	6575
UniProt ID:	<u>Q08357</u>
Cytogenetics:	8p11.21
MW:	70.4 kDa