

Product datasheet for **RC201038A1V**

Human SLC25A13 (NM_014251) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC25A13 (NM_014251) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC25A13
Synonyms:	ARALAR2; CITRIN; CTLN2; NICCD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201038 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGCGGCCCAAGGTGGCTTTAACCAAGAGAGCAGATCCAGCTGAGCTTAGAACAATATTTTTGAAGT
ATGCAAGCATTGAGAAAAACGGTGAATTTTTCATGTCCCAATGACTTTGTCACTCGATACTTGAACAT
TTTTGAGAAAGCCAGCCTAATCCAAAGACTGTGGAACCTTTAAGTGGAGTGGTGGATCAGACCAAGAT
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TAGCCTTTTCAAGCTGTTTGACAAAGCTGGCAAAGGAGAAGTAACCTTTGAGGATGTTAAGCAAGTTTTGG
ACAGACCACAATTCATCAACATATTCATTTAACTGGGATTGAGAATTTGTGCAACTACATTTTGAAAA
GAAAGAAAAAGACACCTGACATATGCGGAATTTACTCAGTTTTTATTGAAATACAAGTGGAGCAGCAA
AGCAAGCCTTTGTCAACGGGACAATGCTAGGACTGGGAGAGTACAGCCATCGACTCCGAGACATCAT
GGTCACCATCCGCCCCATGTCTGACTCCTTTTGTAGAAGAATGTCTAGTAGCTGCTGAGGAGTACC
ACATCCCATCAAGTTAGTTTCTCTATTTAATGGATTTAATTCGCTCCTTAACAACATGGAACCTATTA
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ACTTGGCTGAGGCCAGAGGCAGAAAGGCTCAGGTGATTGAGTCTGAGGAGTCTTCTACAAGTTGCAGA
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CTTGTAAGAACTCGAATGCAGAACCAACGATCAACTGGCTCTTTTGTGGGAGAACTCATGTATAAAACA
GCTTTGACTGTTTTAAGAAAGTGCTACGCTATGAAGGCTCTTTTGGAGTGTATAGAGGTCTGTTGCCACA
GTTATTGGGAGTTGCCCCAGAGAAGGCCATAAACTTACAGTGAACGATTTTGTGAGGGATAAATTTATG
CACAAAGATGGTTCGGTCCCACTTGACGACAGAAATCTTGTGAGGCTGCGCTGGAGGCTCCAGGTGA
TTTTACAAATCCTTTAGAAATCGTCAAGATCCGTTTGCAAGTGGCAGGAGAAATCACCCTGGTCTCG
AGTCAGTGCTCTGTCTGTGCGGGACCTGGGGTTTTTGGGATCTACAAGGTGCCAAAGCATGCTTT
CTGCGGGACATTCCTTTCTCGGCATCTACTTCCGTGCTATGCTCATGTGAAGGCTTCCTTGCAAATG
AAGATGGGCAGGTTAGCCAGGAAGCCTGCTCTTAGCTGGTGCCATAGCTGGTATGCCTGCAGCATCTTT
AGTGACCCCTGCTGATGTTATCAAGACGAGATTACAGGTGGCTGCCGGGCTGGCCAAACCACTTACAGC
GGAGTGATAGACTGCTTTAGAAAGATACTGCGTGAAGAAGGACAAAAGCTCTGTGGAAGGGAGCTGGTG
CTCGTGTATTTGATCCTCACCCAGTTTGGTGAACCTTGTGACTTACGAATTGCTACAGCGATGGTT
CTACATTGATTTTGGAGGAGTAAACCCATGGGATCAGAGCCAGTTTCTAAATCCAGGATCAACCTGCCT
GCCCCGAATCCTGATCACGTTGGGGGTACAACTGGCAGTTGCTACATTTGCAGGGATTGAAAACAAT
TTGAGCTTTACCTACCTCTCTCAAGCCATCAGTATCTACCTCAAAGGCTATTGGTGGAGGCCCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC201038 protein sequence Red=Cloning site Green=Tags(s) MAAAKVALTKRADPAELRTIFLKYASIEKNGEFFMSPNDFVTRYLNIFGESQPNPKTVELLSGVVDQTKD GLISFQEFVAFESVLCAPDALFMVAFQLFDKAGKGEVTFEDVKQVFGQTTIHQHIFPNWDSEFVQLHFGK ERKRHLTYAFTQFLLEIQLEHAKQAFVQRDNARTGRVTAIDFRDIMVTIRPHVLTFFVEECLVAAAGGT TSHQVSFSYFNGFNLLNNMELIRKIYSTLAGTRKDVEVTKEEFVLAQKFGQVTPMEVDILFQLADLYE PRGRMTLADIERIAPLEEGTLPFNLAEAQRQKASGDSARPVLLQVAESAYRFGLGSVAGAVGATAVYPID LVKTRMQNRSTGSFVGELMYKNSFDCFKVLRYEFGFGLYRGLLPQLLGVAPEKAIKLTVNDVFVRDKFM HKDGSVPLAAEILAGGCAGGSQVIFTNPLEIVKIRLQVAGEITTGPRVSALSVVRDLGFFGIYKGAKACF LRDIPFSAIYFPCYAHVKASFANEDGQVSPGSLLLAGAIAGMPAASLVTPADVIKTRLQVAARAGQTTYS GVIDCFRKILREEGPKALWKGAGARVFRSSPQFGVTLLTYELLQRWFYIDFGGVKPMGSEPVPKSRINLP APNPDHVG GYKLAVATFAGIENKFGLYLPLFKPSVSTSKAIGGGP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_014251
ORF Size:	2025 bp
Buffer:	PBS with 0.001% Pluronic F5154
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:	NM_014251.1
RefSeq Size:	3204 bp
RefSeq ORF:	2028 bp
Locus ID:	10165
UniProt ID:	Q9UJS0
Cytogenetics:	7q21.3
MW:	74.2 kDa