

Product datasheet for **RC227729**

SLC44A2 (NM_001145056) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC44A2 (NM_001145056) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SLC44A2
Synonyms:	CTL2; PP1292
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RC227729 representing NM_001145056
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAGGACGAGCGGAAAAACGGAGCCTACGGAACGCCACAGAAGTATGATCCCACCTTTCAAAGGACCCA
 TTTACAATAGGGGCTGCACGGATATCATATGCTGTGTGTTCTCTGCTCCTGGCCATTGTGGGCTACGTGGC
 TGTAGGCATCATAGCCTGGACTCATGGAGACCCTCGAAAGGTGATCTACCCCACTGACAGCCGGGCGAG
 TTCTGCGGGCAGAAGGGCACAAAAACGAGAACAACCCATCTGTTTTATTCAACATTGTGAAATGTG
 CCAGCCCCCTGGTTCTGCTGGAATTCGAATGTCCCACTCCCAGATCTGCGTGAAAAATGCCCGACCG
 CTACCTCACGTACCTGAATGCTCGCAGCTCCCGGGACTTTGAGTACTATAAGCAGTTCTGTGTTCTGCG
 TTCAAGAACAAATAAAGGAGTGGCTGAGGTGCTTCAAGATGGTACTGCTGCTGCTCATCCCAGCA
 AACCTTGGCCCGGAGATGCTTCCCGCTATCCACGCCTACAAGGGTGCCTGATGGTGGCAATGAGAC
 GACCTATGAGGATGGGCATGGCTCCCGAAAAACATCACAGACCTGGTGGAGGGCCCAAGAAAGCCAAT
 GGAGTCCTAGAGGCGCGCAACTCGCCATGCGCATATTTGAAGATTACACCGTCTCTTGGTACTGGATTA
 TCATAGGCCTGGTCATTGCCATGGCGATGAGCCTCCTGTTTCATCATCCTGCTTCGCTTCCGGCTGGTAT
 TATGGTCTGGGTGATGATCATCATGGTATTCTGGTGTGGGCTACGGAATATTTCACTGCTACATGGAG
 TACTCCCGACTGCGTGGTGGGCGGCTCTGATGTCTCTTTGGTGGACCTCGGCTTTCAGACGGATTTCC
 GGGTGTACCTGCCTTACGGCAGACCTGGTTGGCCTTTATGATCATTCTGAGTATCCTTGAAGTCATTAT
 CATCTTGTGCTCATCTTCTCCGGAAGAGAATTCTCATCGCGATTGCACTCATCAAAGAAGCCAGCAGG
 GCTGTGGGATACGTATGTGCTCCTTGTCTACCCACTGGTCACTTCTCTTGTGCTGCTCTGCATCG
 CCTACTGGCCAGCACTGCTGTCTTCTGTCCACTTCCAACGAAGCGGTCTATAAGATCTTTGATGAGCA
 CCCTGCCCATTACTGCGAAAACTGCAACCCAGAGACCTTCCCTCCTCCAATGAGTCCCGCCAATGC
 CCCAATGCCCGTTGCCAGTTCGCCTTCTACGGTGGTGGTGGGCTACCACCGGGCCCTGCTGGGCTGC
 AGATCTTCAATGCCTTTCATGTTCTTCTGGTTGGCCAACCTCGTGTGGCGCTGGGCCAGGTACGCTGGC
 CGGGGCCTTTGCCTCTACTACTGGGCCCTGCGCAAGCCGGACGACCTGCCGGCCTTCCCGCTTCTCT
 GCCTTTGGCCGGGCGCTCAGGTACCACACAGGCTCCCTGGCCTTTGGCGCGCTCATCCTGGCCATTGTGC
 AGATCATCCGTGTGATACTCGAGTACCTGGATCAGCGGCTGAAAGCTGCAGAGAACAAAGTTTCCAAGT
 CCTCATGACCTGTCTCAAATGCTGCTTCTGGTGCCTGGAGAAGTTCATCAAATTCCTTAATAGGAATGCC
 TACATCATGATTGCCATCTACGGCACCAATTTCTGCACCTCGGCCAGGAATGCCTTCTTCTGCTCATGA
 GAAACATCATCAGAGTGGCTGTCCTGGATAAAGTTACTGACTTCCCTTCTCCTGTTGGGCAAACCTTCTGAT
 CGTTGGTAGTGTGGGATCCTGGCTTCTTCTTCTTACCACCGTATCAGGATCGTGCAGGATACAGCA
 CCACCCCTCAATTACTGAGTTCCTATACTGACGGTATCGTTGGCTCCTACTTGATTGCACACGGTT
 TCTTACAGCTCTATGGCATGTGTGTGGACACGCTGTTCTCTGCTTCTTGGAGGACCTGGAGAGGAATGA
 CGGCTCGGCCGAGAGGCCTTACTTATGTCTTCCACCCTCAAGAACTCTTGAACAAGACCAACAAGAAG
 GCAGCGGAGTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001145056.2](#)

RefSeq ORF: 2115 bp

Locus ID: 57153

UniProt ID: [Q8IWA5](#)

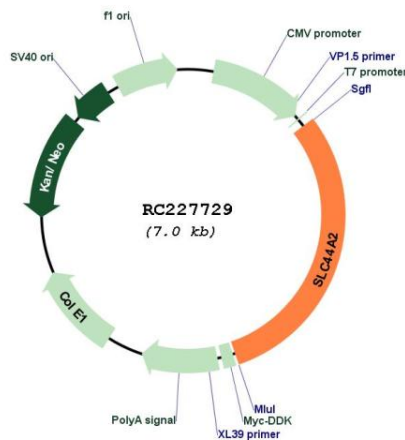
Cytogenetics: 19p13.2

Protein Families: Transmembrane

MW: 79.7 kDa

Gene Summary: Isoform 1, but not isoform 3, exhibits some choline transporter activity.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC227729