

Product datasheet for **MR209098**

Slc5a7 (NM_022025) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc5a7 (NM_022025) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Slc5a7
Synonyms:	CHT1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR209098 representing NM_022025
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTTTCCACGTAGAAGGACTGGTAGCTATTATCCTCTTCTACCTCCTTATATTTCTGGTTGGAATAT
 GGGCTGCATGGAAAACAAAAACAGCGCAACCCAGAAGAGCGCAGTGAAGCCATCATAGTCGGGGGCCG
 TGACATTTGGTTTGGTTGGTGGTTTTACCATGACAGCCACCTGGGTTGGAGGAGGCTACATCAATGGG
 ACAGCAGAAGCAGTGTATGGCCAGTTGTGGTCTAGCTTGGGCTCAGGCACCCATTGGATATTCTCTGA
 GTCTAATTTTAGTGGTCTGTTTTTTCGAAACCTATGCGTTCCAAGGGATATGTGACTATGTTAGACCC
 ATTTCAACAGATCTATGGAAAGCGCATGGGTGGGCTGCTCTTCATCCCTGCACTGATGGGAGAGATGTTT
 TGGGCTGCAGCAATTTCTCTGCATTAGGGCCACCATCAGCGTGATCATTGATGTGGATGTGAACATAT
 CGGTCAATGTCTCTGCACTATTGCCATCTTTATACCCTAGTGGTGGGCTCTACTCTGTGGCATAAC
 TGATGTTGTCAGCTATTCTGCATTTTTATAGGACTGTGGATCAGTGTCCCTTTTGCCTGTCACATCCT
 GCAGTCACCGACATCGGATTCACAGCTGTGCATGCTAAATACCAGAGTCCCTGGCTGGGAACCATTGAAT
 CAGTTGAAGTCTACACCTGGCTTGATAATTTCTGTTATTGATGTGGTGGGAATCCCATGGCAAGCCTA
 CTTCCAGAGGGTCTCTCTTCATCCTCAGCCACCTATGCTCAGGACTGTCTTCTCCTGGCAGCTTTTGGG
 TGCCCTGGTGTAGGCTCTACCCGCCATATGCATAGGAGCTATTGGAGCTTCCACAGACTGGAACCAGACTG
 CCTACGGGTATCCAGATCCCAAGACTAAGGAGGAAGCAGACATGATTCTCCCGATCGTTCTGCAGTACCT
 CTGCCCTGTGTACATCTCCTCTTTGGGCTTGGTGTCTTTCAGCTGTGTCATGTCCTCAGCTGACTCG
 TCCATCCTGTCCGCGAGTCTATGTTTGGCTCGGAATATCTACCAGCTTTCCTTCAGACAAAATGCATCAG
 ACAAGGAAATTTGTGGGTCATGAGGACTGTGCTTGTGTTTCGAGCATCTGCAACAGCCATGGCTTT
 GCTGACGAAGACTGTGTATGGGCTCTGGTACCTGAGCTCTGACCTTGTCTACATCATCATCTTCCACAG
 CTGCTCTGTGTAATCTTCAAAAGGAACCAACTTATGGGCGAGTTGCTGTTATATTTTTGGACTAT
 TCCTGAGAATTAAGGAGAGCCATATCTATACTTGCAGCCCTAATCTTCTACCCTGGTTATTACTC
 TGACAAGAATGGTATATAACAATCAGAGGTTCCCATTTAAAACCTCTCCTCATGGTTACCTCATTCTTACC
 AACATTTGTGTTCTTATCTAGCCAAGTATCTATTTGAAAGTGGAACTTGCCTCCAAAATTAGATGAT
 TTGATGCTGTTGTCGCAAGGCACAGTGAAGAGAACATGGACAAGACCATTCTAGTCAGAAATGAAAATAT
 CAAATTAATGAACCTGCACCTGTAAACCTCGGCAGAGCCTAACCTCAGTTCAACTTTACCAATAAG
 GAGGCCCTCTTGATGTTGATTCCAGTCCGGAGGGGTCTGGGACTGAAGATAACTTACAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209098 representing NM_022025
 Red=Cloning site Green=Tags(s)

MSFHVEGLVAIILFYLLIFLVGIWAAWKTKNSGNPEERSEAIIVGGRDIGLLVGGFTMTATWVGGYING
 TAEAVYGPQCGLAWAQAPIGYSLSLILGGLFFAKPMRSKGYVTMLDPFQQIYGKRMGGLLIPALMGEMF
 WAAAFSALGATISVIIDVDVNISVIVSALIAILYTLVGGLYSVAYTDVVQLFCIFIGLWISVPFALSHF
 AVTDIGFTAVHAKYQSPWLGTIESVEVYTWLDFLLMLGGIPWQAYFQFVLSSSSATYAQVLSFLAAGF
 CLVMALPAICIGAI GASTDWNQTA YGYPDPKTKEEADMILPIVLQYLCVYISFFGLGAVSAVMSSADS
 SILSASSMFARNIYQLSFRQNASDKEIVVWMRITVLVFGASATAMALLTKTVYGLWYLSDDLVIYIIFPQ
 LLCVLFIKGTNTYGAVAGYIFGLFLRITGGEPYLYLQPLIFYPGYSDKNGIYNQRFPFKTSLMVTSSFFT
 NICVSYLAKYLFESGTLPPKLDVFDVAVVARHSEENMDKTIILVRNENIKLNELAPVKPRQSLTSSSTFTNK
 EALLDVDSSPEGSGETDNLQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9014_h09.zip

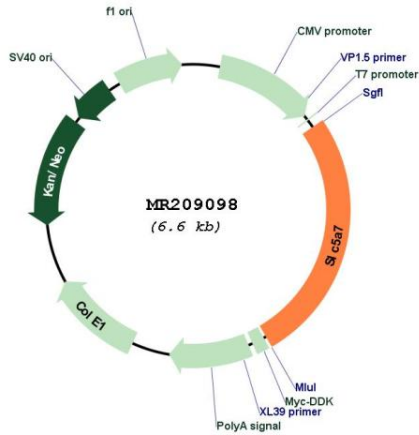
Restriction Sites:

Sgfl-Mlul

MW: 63.8 kDa

Gene Summary: Transmembrane transporter that imports choline from the extracellular space to the neuron with high affinity. Choline uptake is the rate-limiting step in acetylcholine synthesis. Sodium ion- and chloride ion-dependent.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR209098