

Product datasheet for **RC210307**

SLC38A6 (NM_153811) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC38A6 (NM_153811) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SLC38A6
Synonyms:	NAT-1; SNAT6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC210307 representing NM_153811
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGGCGTCTGGGGAGCTCAACGCTGAGCGGGCTGGTATGTCTGTCCAGCAGCCTGAAGAAG
 CGGAGGCCGAAGAGTTGAGTCCGTTGCTAAGCAACGAACCTCACAGACAGCGATCCCAGGTGTTTCATT
 TGGTTTATCAGTGTAAATTTGATGAATGCCATCATGGGAAGTGGCATCCTTGGCTTAGCTTATGTTATG
 GCTAATACCGGTGCTTTGGATTAGCTTCTTGCTGCTGACAGTTGCTCTCCTGGCTTCTTACTCAGTCC
 ATCTTCTGCTTAGTATGTGATTACAGACAGCTGTAACATCTTATGAAGATCTTGGACTCTTGCATTTGG
 ATTACCTGGAAAGTTGGTGGTGGCAGGCACCATAATAATTCAGAATATTGGAGCTATGTCATCTTATCTT
 TTAATTATTAACAGAGCTTCTGCTGCTATTGCAGAATTTTGGACTGGAGACTATAGTAGATATTGGT
 ATCTTGATGGACAAACTACTAATAATCATATGTGTTGGCATTGTGCCCTCTTGCATCTTCCCAA
 AATAGGCTTTCTGGCTACACAAGTAGTTATCATTTTTCTTTATGATGTTCTTTGCTCTTGGTGAATA
 ATTAATAAATGGTCCATCCCTTGTCTCTGACATTAATATGTAGAGAAAGGCTCCAGATTTCAATG
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 GCCAGAAAAGCTGTAACAATGATGTTTTCTCAATTTCCATTCTCATGGATTGCGCATTTTTTGATCA
 CCTAGCACTCAATATTATCATCGTTTTACTTGAATATATGTTCTGACATTAGAAATGATTTTGGTGT
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 GAGGATTTTCTGTCATGAAAAAGCTTGGGGCATTGTTTTGCTCATCTTTGGAATTTTGGTTGGGAATT
 TTAGTTTAGCACTCATCATTTTTGATTGGATTAATAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210307 representing NM_153811
 Red=Cloning site Green=Tags(s)

MEASWGSFNAERGWYVSVQQPEEAEAEELSPLL SNELHRQRSPGVSFGLSVFNLMMNAIMGSGILGLAYVM
 ANTGVFGFSLLLLVALLASYSVHLLL SMCIQTAVTSYEDLGLFAFGLPGKLVVAGTIIIQNIGAMSSYL
 LIIKTELPAIIAEFLTGDYSRYWYLDGQTLIIICVGIVFPLALLPKIGFLGYTSSLSFFFMMFFALVVI
 IKKWSIPCPLTLNYVEKGFQISNVDDCKPKLFHFSKESAYALPTMAFSFLCHTSILPIYCELQSPSKKR
 MQNVTNTAIALSFLIYFISALFGYLT FYDKVESELLKGYSKYLSHDVVVMTVKLCILFAVLLTVPLIHP
 ARKAVTMMFFSNFPFSWIRHFLITLALNIIIVLLAIYVPDIRNVFVVGASTSTCLIFIFPGLFYLKLSR
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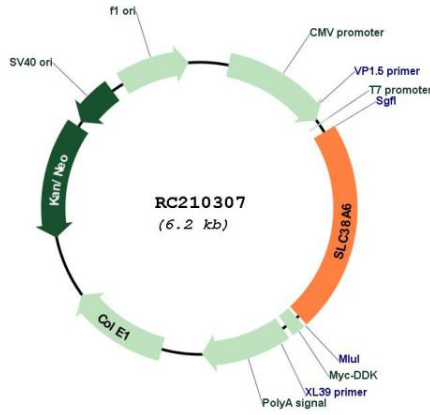
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cytogenetics: 14q23.1
Domains: Aa_trans
Protein Families: Transmembrane
MW: 50.7 kDa
Gene Summary: Probable sodium-dependent amino acid/proton antiporter, could be a neuronal transporter for glutamate.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC210307