

Product datasheet for **MG213965**

Slc38a6 (NM_001037717) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc38a6 (NM_001037717) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Slc38a6
Synonyms:	AW322671; EG625098
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG213965 representing NM_001037717
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGGCGTCCCGGCACAGCATCCAAGCGGAGCCAGGCTGGTACGTCTCTGCCAGCAGCCAGAGGAGG
 CGGTGGCTGCAGACGAGTGGAGTCCGTTGCTAAGCAACGAACCTCACAGGCAGGGATCCTCCGGTCTTC
 CTTTGGTCTCTCCGTCTTTAACGTGATGAACGCCATCATGGGAAGCGGCATCCTTGGTTTGGCGTATGTG
 ATGGCTAACACGGGTATCCTTGGATTTAGTTTCTGCTGCTGTTTGTGCTCTCCTGGCTTCTTACTCAG
 TCCATCTCCTGCTTGCCATGTGCATCCACACCGCCGTGACGTCTTACGAAGATCTGGGACTTTCGCTTT
 TGGATTACCTGAAAAGTGGTGGTGGCAGGCACCATAATAATTCAGAATATTGGAGCTATGTCATCTTAT
 CTTTTAATTATAAAACAGAGCTTCTGCTGCTATTTTACAGATTTTACCTAGTGACCACAGTGGGCTT
 GGTATCTTGATGGACAGATGTTGCTGATCATCATCTGTGTAGGCATCGTGTTCCTCTCTACTGCTTCC
 CAAGATAGGCTTCTTGGCTACACAAGCAGTCTATCATTTTTCTTTATGGTGTCTTTGCTCTTGTGGTA
 GTAATTAATAAATGGGCCGTTCCCTGTCCCTGTGACCTTAGATTGCATCAATGAAGCTTTTCAGATTTCAA
 ACGCAACAGATGACTGTAACCAAGCTCTTTCATTTCTCCAAAGAGAGCGTTTACGCCATACCAACCAT
 GGCTTTTTCTTTCTCTGCCATACCTCAGTATTGCCCATATACTGTGAGCTTCAAAGCCCTTCAAAGAAA
 AGGATGCAGAAATGTGACCAACACAGCGATTGCGTTGAGCTTCTGGTTTACTTTGTGCTGCACTCTTTG
 GCTACCTCACTTTTTATGACAAAGTGGAGTCAAGATTGCTACAAGTTATAGTAAATACTTGCCACATGA
 TGTTATTGTCATGGCTGTGAAGTGTGCATACTATTCCCGTGTCTGACAGCCCTCTAATCCACTTC
 CCTGCCAGGAAAGCTTAAATGATGATCCTGTTCTCCAATTACCCGTTCTCCTGGATCCGACATTCCTGA
 CCACAGCAGCGCTCAACGCCATCATCGTGGTGTCTGCCATCTATGTCCCGGACATTAGAAATGATTTGG
 TGTGGTTGGCGCCAGCACATCGACATGCTTGTATTTTGTGTTCCAGGGTATTTTATCTTAAACTCAGC
 CGAGAGGACTTCTCTCCTGAAAAAGCTTGGGCTTTGTTCTGCTCCTCACAGGCGCTGTGGTCGGAA
 GCTTCAGTTTAGTCTCATTTTTGACTGGTCAACAAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG213965 representing NM_001037717
 Red=Cloning site Green=Tags(s)

MQASRHSIQAEPGWYVSAQQPEEAVAADWSPLLSNEPHRQSSGASFGLSVFNVMNAIMGSGILGLAYV
 MANTGILGFSFLLL FVALLASYSVHLLAMCIHTAVTSYEDLGLFAFGLPGKVVVAGTII IQNIGAMSSY
 LLIIKTELPAAI SEFLPSDHSGSWYLDGQMLLIIICVGI VFPLSLLPKIGFLGYTSSL SFFFMVFFALVV
 VIKKWAVPCPVTLDCINEVFQISNATDDCKPKLFHFSKESVYAIPTMAFSFLCHTSVLPICYELQSPSKK
 RMQNVNTAIALSFLVYFVSALFGYLT FYDKVESELLQGYSKYLPHDVI VMAVKLCILFAVLLTAPLIHF
 PARKALMMILFSNYPFSWIRHSLTAAALNAIIVVLAIIYVPDIRNVFVGVGASTSTCLIFVFPGLFYLKLS
 REDFLSWKKLGALFLLL TGAVVGSFSLVLIIFDWNK

TRTRPLE - GFP Tag - V

Chromatograms:

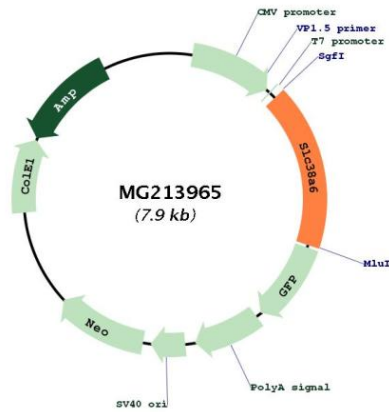
https://cdn.origene.com/chromatograms/ja1924_f10.zip

Restriction Sites:

Sgfl-Mlul

RefSeq Size: 2959 bp
 RefSeq ORF: 1374 bp
 Locus ID: 625098
 UniProt ID: [G3UVW3](#)
 Cytogenetics: 12 C3
 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 MG213965