

## Product datasheet for **MR213965**

### **Slc38a6 (NM\_001037717) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Slc38a6 (NM_001037717) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Slc38a6
Synonyms:	AW322671; EG625098
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR213965 representing NM\_001037717  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCAGGCGTCCCGGCACAGCATCCAAGCGGAGCCAGGCTGGTACGTCTCTGCCAGCAGCCAGAGGAGG  
 CGGTGGCTGCAGACGAGTGGAGTCCGTTGCTAAGCAACGAACCTCACAGGCAGGGATCCTCCGGTGCCTC  
 CTTTGGTCTCTCCGCTCTTAACGTGATGAACGCCATCATGGGAAGCGGCATCCTTGGTTTGGCGTATGTG  
 ATGGCTAACACGGGTATCCTTGGATTTAGTTTCTGCTGCTGTTTGTGCTCTCCTGGCTTCTTACTCAG  
 TCCATCTCCTGCTTGCCATGTGCATCCACACCGCCGTGACGTCTTACGAAGATCTGGGACTTTCGCTTT  
 TGGATTACCTGAAAAGTGGTGGTGGCAGGCACCATAATAATTCAGAATATTGGAGCTATGTCATCTTAT  
 CTTTTAATTATTAACAGAGCTTCTGCTGCTATTTTACAGATTTTACCTAGTGACCACAGTGGGTCTT  
 GGTATCTTGATGGACAGATGTTGCTGATCATCATCTGTGTAGGCATCGTGTTCCTCTCTACTGCTTCC  
 CAAGATAGGCTTCTTGGCTACACAAGCAGTCTATCATTTTTCTTTATGGTGTCTTTGCTCTTGTGGTA  
 GTAATTAATAAATGGGCCGTTCCCTTGTCTGTGACCTTAGATTGCATCAATGAAGCTTTTCAGATTTCAA  
 ACGCAACAGATGACTGTAACCAAGCTCTTTCATTTCTCCAAAGAGAGCGTTTACGCCATACCAACCAT  
 GGCTTTTTCTTTCTCTGCCATACCTCAGTATTGCCCATATACTGTGAGCTTCAAAGCCCTTCAAAGAAA  
 AGGATGCAGAATGTGACCAACACAGCGATTGCGTTGAGCTTCTGGTTTACTTTGTGCTGCACTCTTTG  
 GCTACCTCACTTTTTATGACAAAGTGGAGTCAAGATTGCTACAAGTTATAGTAAATACTTGCCACATGA  
 TGTTATTGTCATGGCTGTGAAGTTGTGCATACTATTCCCGTGTCTGACAGCCCTCTAATCCACTTC  
 CCTGCCAGAAAGCTTTAATGATGATCCTGTTCTCCAATTACCCGTTCTCCTGGATCCGACATTCCCTGA  
 CCACAGCAGCGCTCAACGCCATCATCGTGGTGTGCTCGCCATCTATGTCCCGGACATTAGAAATGATTTGG  
 TGTGGTTGGCGCCAGCACATCGACATGCTTGTATTTTGTGTTCCAGGGTTATTTTATCTTAAACTCAGC  
 CGAGAGGACTTCTCTCCTGAAAAAGCTTGGGCTTTGTTCTGCTCCTCACAGGCGCTGTGGTCGGAA  
 GCTTCAGTTTAGTCTCATTTTTGACTGGTCAACAAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR213965 representing NM\_001037717  
 Red=Cloning site Green=Tags(s)

MQASRHSIQAEPGWYVSAQQPEEAVAADWSPLLSNEPHRQSSGASFGLSVFNVMNAIMGSGILGLAYV  
 MANTGILGFSFLLL FVALLASYSVHLLLAMCIHTAVTSYEDLGLFAFGLPGKVVVAGTIIIQNIGAMSSY  
 LLIIKTELPAAISEFLPSDHSGSWYLDGQMLLIIICVGI VFP LSLPKIGFLGYTSSLFFFMMVFFALVV  
 VIKKWAVPCPVTLD CINEVFQISNATDDCKPKLFHFSKESVYAIPTMAF SFLCHTSVLP IYCELQSPSKK  
 RMQNVNTAIALSFLVYFVSALFGYLFYDKVESELLQGYSKYLPHDVIIVMAVKLCILFAVLLTAPLIHF  
 PARKALMMILFSNYPFSWIRHSLTAAALNAIIVVLA IYVPDIRNVFVVGASTSTCLIFVFPGLFYLKLS  
 REDFLSWKKLGALFLLL GAVVGSFSLVLIIFDWNK

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/ja2027\\_f07.zip](https://cdn.origene.com/chromatograms/ja2027_f07.zip)

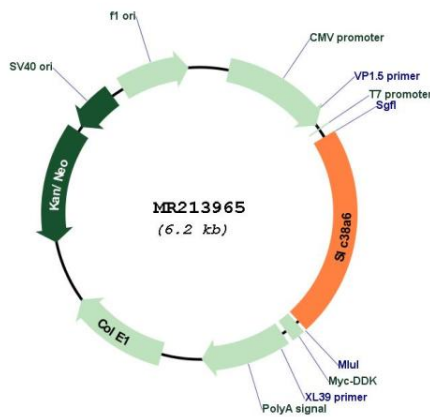
**Restriction Sites:**

Sgfl-Mlul



**RefSeq:** [NM\\_001037717.3](#), [NP\\_001032806.2](#)  
**RefSeq Size:** 2959 bp  
**RefSeq ORF:** 1374 bp  
**Locus ID:** 625098  
**UniProt ID:** [G3UVW3](#)  
**Cytogenetics:** 12 C3  
**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 MR213965