

Product datasheet for **RR213933**

Slc6a4 (NM_013034) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc6a4 (NM_013034) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Slc6a4
Synonyms:	SERT
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>RR213933 representing NM_013034
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGACCACACCCTTGAATTCTCAGAAAGTGTCTGTCAGAGTGTAAAGACAGAGAGGACTGTCAAGAAA
 ATGGTGTCTACAGAAGGGTGTCCACACAGCGGACAGGGCAGAGCCTAGCCAAATATCCAATGGGTA
 CTCTGCAGTCCCCAGCACAAGTGCAGGGGACGAAGCTTCACTCGATCCAGCTGCCACCACCACCCCTG
 GTGGCTGAGATTCGCAAGGGGAGCGGGAGACCTGGGGCAAGAAGATGGATTTCTCTGTCCGTATTG
 GCTATGCCGTGGACCTGGCAACATCTGGCGTTTCTTACATATGCTACCAGAATGGCGGAGGGCCCTT
 CCTCTCCCTTATACCATCATGGCCATTTTCGGGGGATCCCGCTCTTTACATGGAGCTCGCACTGGGC
 CAGTACCACCGAAACGGGTGCATTTCCATATGGAGGAAGATCTGCCCGATTTTCAAAGGCATTGGTTACG
 CCATCTGCATCATCGCTTTTACATCGCCTCTACTACAACACCATCATAGCCTGGGCGCTACTACCT
 CATCTCCTCCCTCACGGACCGGCTGCCCTGGACTAGCTGCACGAACCTCCTGGAACACTGGCAACTGCACC
 AACTACTTCGCCAGGACAACATCACCTGGACGCTGCATTCCACGTCCCCGCTGAGGAGTTCTACTTGC
 GCCATGTCCTGCAGATCCACCAGTCTAAGGGACTCCAGGACCTGGGCACCATCAGCTGGCAGCTGACTCT
 CTGCATCGTGCTCATTTACCCTAATCTACTTTAGCATCTGAAAGGCGTCAAAACATCTGGCAAGGTG
 GTGTGGGTGACAGCCACCTTCCCATACATTGTCCTCTCTGTCTGCTGGTGGAGGGGGCCACCCTTCTG
 GAGCCTGGAGAGGGGTCTTCTACTTAAACCAACTGGCAGAACTTTGGAGACAGGGGTGTGGGT
 AGATGCCCGCGCTCAGATCTTCTCTCTTGGCCCGGCTTTGGGGTCTCTGGCTTTTGCTAGCTAC
 AACAAGTTCAACAACAACACTGTTACCAAGATGCCCTGGTGACCAGTGTGGTGAAGTGCATGACAAGCTTCC
 TCTCTGGCTTCGTATCTTACCGTGTGGCTACATGGCGGAGATGAGGAATGAAGATGTGTCAGAGGT
 GGCCAAAGACGCAGGCCCCAGCCTCCTCTTACATCACGTATGCAGAGGCAATAGCCAACATGCCAGCATCC
 ACGTTCTTTGCCATCATTTCTTCTCATGTTAATCACGCTGGGATTGGACAGCACGTTCCAGGCTGG
 AAGGTGTGATCACAGCTGTGCTGGATGAGTTCCCTCACATCTGGGCCAAGCGCAGGGAATGGTTCGTGCT
 CATCGTGGTATCACGTGCGTCTTGGGATCCCTGCTCACACTGACGTCAGGAGGGGCATACGTGGTACT
 CTGCTGGAGGAGTATGCCACGGGGCCAGCAGTGTCTCACCTGGCCCTCATCGAGGCCGTCGCCGTGCTT
 GGTCTATGGAATCACTCAGTTCTGCAGCGATGTGAAGGAGATGCTGGGCTTCCAGCCGGGATGGTTTTG
 GAGGATCTGCTGGGTGGCCATCAGCCCTCTGTTTCTCTGTTTATCATTTGCAGTTTTCTGATGAGCCCA
 CCCAGCTACGGCTTTTCCAATACAACATCCCCACTGGAGTATCGTCTTGGGCTACTGCATAGGGATGT
 CGTCCGTATCTGCATCCCTACCTATATATTTATCGGCTGATCAGCACTCCGGGGACACTTAAGGAGCG
 CATTATTAAGTATCACTCCTGAAACACCCACAGAAATCCCCTGTGGGGACATCCGCATGAATGCTGTG
 CATTATTAAGTATCACTCCTGAAACACCCACAGAAATCCCCTGTGGGGACATCCGCATGAATGCTGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 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 Size: 2665 bp

RefSeq ORF: 1893 bp

Locus ID: 25553

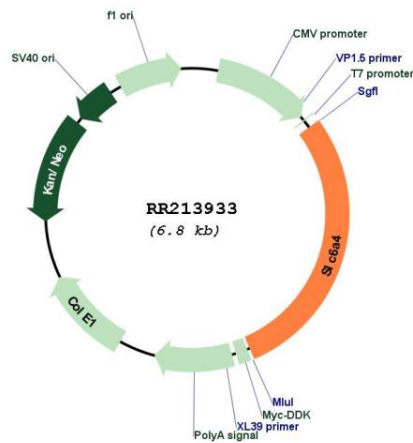
UniProt ID: [P31652](https://www.uniprot.org/uniprot/P31652)

Cytogenetics: 10q24

MW: 70.2 kDa

Gene Summary: binds serotonin; may play a role in regulation of motor activity [RGD, Feb 2006]

Product images:



Circular map for RR213933