

Product datasheet for **MR230998**

Slc6a17 (NM_001293689) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc6a17 (NM_001293689) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Slc6a17
Synonyms:	D130012J15Rik; Ntt4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide
Sequence:

>MR230998 representing NM_001293689
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCGAAGAACAGCAAGGTGACCCAGCGCAACACAGCAATGAGCATGTCACCGAGTCAGTGGCTGACT
TGCTGGCTCTGGAGGAGCCTGTGGACTACAAGCAGAGTGTACTGAACGTGGCCGGCAGACAGGTGGCAA
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Protein Sequence: >MR230998 representing NM_001293689
 Red=Cloning site Green=Tags(s)

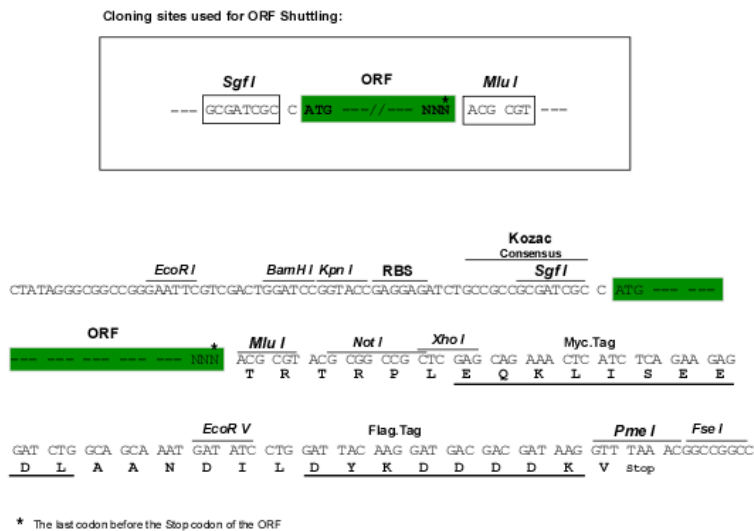
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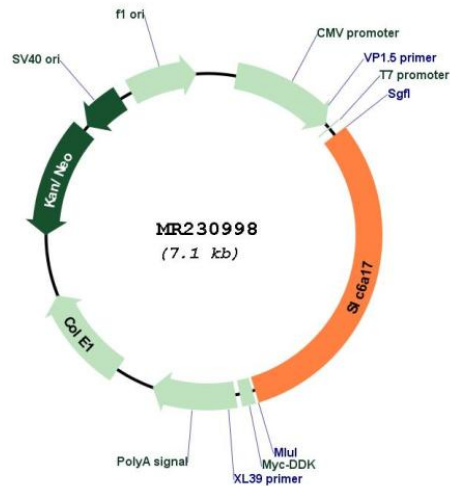
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001293689

ORF Size: 2181 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

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: [NM_001293689.1](#), [NP_001280618.1](#)

RefSeq Size: 6335 bp

RefSeq ORF: 2184 bp

Locus ID: 229706

UniProt ID: [Q8BJI1](#)

Cytogenetics: 3 F2.3

MW: 81.5 kDa

Gene Summary: Functions as a sodium-dependent vesicular transporter selective for proline, glycine, leucine and alanine. In contrast to other members of this neurotransmitter transporter family, does not appear to be chloride-dependent (By similarity).[UniProtKB/Swiss-Prot Function]