

## Product datasheet for MR202536

### Slc50a1 (NM\_009057) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Slc50a1 (NM_009057) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Slc50a1
Synonyms:	MmSWEET1; Rag1ap1; Rga
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202536 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGGCGGGCGGCGTGGCAGACTCTTTCCTTCTAGTGCCTGCGTGCTCTTCACCCTGGGCATGTTCT  
CCACTGGCCTCTCGGACCTCAGGCATATGCAGAGGACACGGAGCGTGACAACATCCAGTTCCTGCCTTT  
TCTCACCACGGATGTCAACAACCTGAGCTGGCTGAGTTACGGAGTCTGAAGGGAGATGGGACCCTTATC  
ATCGTCAATAGCGTGGGGCCGTCTCAGACTCTTATATCCTGGCATATCTGCACTACAGTCCTCAGA  
AGCATGGTGTGCTCCTGCAGACGCAACCCTGCTGGCTGTCTTCTCCTGGGTTATGGCTACTTTTGGCT  
TCTGGTGC CGGACCTTGAGGCCCGGCTTCAGCAGCTAGGCCTCTTCTGTAGCGTCTTTACCATCAGCATG  
TACCTCTCCCCACTGGCTGATTTGGCCAAGATCGTTCAGACTAAATCAACCCAGCGCCTCTCCTTCTCCC  
TGACCATTGCCACGCTCTTTTGCTCCGCTCTTGGTCTATTTACGGGTTTCGCCTCCGAGACCCATACAT  
CACGGTGCCCAACCTTCCAGGAATCCTCACCAGCTTAATCCGCTCGGGCTTTTCTGCAAGTACCCTCCA  
GAGCAAGACAGGAAGTACCGCTCCTGCAGACC

**ACGCGT**ACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**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\\_009057.3](#)

**RefSeq Size:** 1031 bp

**RefSeq ORF:** 666 bp

**Locus ID:** 19729

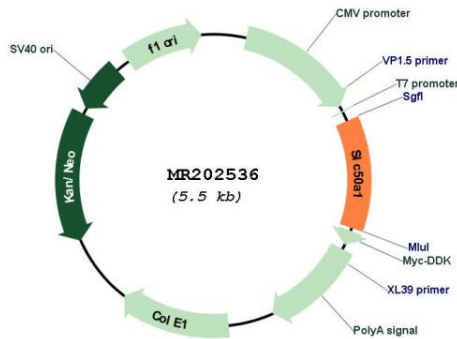
**UniProt ID:** [Q9CXK4](#)

**Cytogenetics:** 3 39.04 cM

**MW:** 24.6 kDa

**Gene Summary:** Mediates sugar transport across membranes (By similarity). May regulate the expression of RAG1 a gene involved in V(D)J recombination.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR202536