

## Product datasheet for **MC202683**

### Slc1a4 (NM\_018861) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Slc1a4 (NM_018861) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc1a4
Synonyms:	ASCT-1; ASCT1; AW045657; SATT
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:**

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>BC052733 sequence for NM_018861
AGAGCTCGGAAGCCGACAGCTGGCACAGGCCACTGTCTCCGCTGATCCATTATTGAAACCGGTCTTTT
CTCCAAGTTCTTGTAGTGTACCCTTAGAGTGGTGGCAACGACATGGAGAAGAGCGGCGAGACCAACG
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GCAGCGCTGTGCTAGCTTTTTTCGGCGCCACGCGCTGGTGTCTCACCGTGTGGGAGTGTGGTGGGT
GCCGGCATGGGCGCGGCTGAGGGGGCTGCAGCTCACCCGCACCCAGATCACTTACCTGGCCTCCCGG
GCGAGATGCTGCTCCGCATGCTGCGCATGATCATCTGCCGCTGGTGGTTTGCAGCTGGTGTGGGAGC
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CGAGGGAGAAGACCTCATCCGATTTTCAATTCCTTCAATGAGGCCACAATGGTGTGGTGTGATGATC
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GCCGTTTGTCTTATCCATGTCTCCATGGAGCTCTGGATACACCTTGGTCTATACCCCTTGGAGTGCCA
GGCCTGAGGGATTCCAAGTTCATGGAGGCTGGGGACCAAGTTGGGGGGCGATGCAGATGGATTCTTCA
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TGCTCTCGCAGCAGCAGACACTGAAGAGCTTCCAGAGTCTTAGACTGAGCTGGAATCTGCTGGGCTGCC
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CAGACTGGGGAGCACCCTAAAGAAGATGAGACAGAATTGTTCCCACTCTAGACTGAGGCTCTGCCAACT
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GCTGAGCTACAAAGTCAATACTCCCAATAAACTCACGCGCTGGCGCAGCTCTGCCCAAGGCCCTGT
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AGTCAAGTTCTAACACCCGTAAGTGCCAGCTTATCTGAGAGACAGCTTTTTTCTGGAAGGGTGCCTACT
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CAGCACTGTTTTTAAAGGGGAATCAATCACATGTTTGTATTATGAGTGAGCATTGGTATTTTTCAAGT
TTCAGTGTATCTTTCTCTGTATTTACATATACTTTATGTATCAAGTGTGTGTGTGTGTGTGTGCTT
TTAGCTCCAAGCAAACCTGAGTTTGGATAAAGGGGAACTAACTACAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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<b>Restriction Sites:</b>	Ascl-NotI
<b>ACCN:</b>	NM_018861
<b>Insert Size:</b>	1599 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC052733</a> , <a href="#">AAH52733</a>
<b>RefSeq Size:</b>	3491 bp
<b>RefSeq ORF:</b>	1599 bp
<b>Locus ID:</b>	55963
<b>UniProt ID:</b>	<a href="#">O35874</a>
<b>Cytogenetics:</b>	11 12.97 cM
<b>Gene Summary:</b>	Transporter for alanine, serine, cysteine, and threonine. Exhibits sodium dependence (By similarity).[UniProtKB/Swiss-Prot Function]