

Product datasheet for **MC219443**

Slc6a20a (NM_139142) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc6a20a (NM_139142) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc6a20a
Synonyms:	A730081N20Rik; AU022428; Xt3s1; Xtrp3s1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219443 representing NM_139142
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGAAGGCACGGCCTCAGTGGGGCCATCCGCTGCAGTTCGTGTTGCGCTGCATCTCCTACGCCGTGG
 GTTTGGGCAACGTGTGGCGCTTCCCTTACCTGTGCCAGATGTACGGCGGAGGGAGTTTCCTGGTCCCTA
 CATCATCATGCTCATTGTGGAGGGGATGCCACTCCTGTACCTGGAGCTGGCCGTGGGACAGCGCATGCGG
 CAGGGCAGCATTGGTGCCTGGAGGACCATCAGCCCCTACCTCAGTGGTGTGCGGTGTTGCCAGTGTGTGG
 TCTCCTTCTTCTCCTCATGTAACAATGTCAATGCCTGGGGCTTCTGGTACCTCTTCCACTCCTT
 CCAGGATCCCCTGCCGTGGTCTGTCTGCCACTGAACAGCAACCACAGGCTACGATGAGGAGTGTGAG
 AAGGCTTCGTGACACAGTACTTCTGGTACAGGAAAACACTCAACATCTCACCGTCCATCCAGGAGAATG
 GAGGAGTGCAGTGGGAGCCAGCGCTGTGCCTCACCTGGCCTGGCTGATGGTCTATCTGTGCATCCTGAG
 AGGCACCGAATCTACTGGCAAGGTGGTCTACTTCACCGCATCGATGCCTTACTGTGTTCTTATTATCTAC
 TTGGTCCGTGGCCTTACACTCCATGGAGCCACCAATGGCCTGATGTACATGTTCCACCTAAGATGGAAC
 AGCTAGCCAACCCCAAGGCTGGATCAATGCAGCCACGCAGATCTTCTTCTCACTGGGCTTGGGTTTTGG
 CAGCCTGATCGCTTTTGGCAGCTACAATGAACCCTCCAACAACCTGCCAGAAGCATGCCATTATTGTGTCC
 ATCATCAACAGCTCCACCTCCATATTTGCCAGCATTGTACCTTCTCCATCTATGGCTTCAAGGCCACCT
 TCAACTATGAAAACCTGCTTAAACAAGGTGATTCTGCTGCTGACCAATTCTTTTGACCTTGAAGATGGCTT
 TCTGACAGTCAGCAACCTGGAGGAGGTGAAGAACTACCTGGCATCTACTTACCCAACAAGTACAGTGAA
 GTGTTCCACACATTAGAAAACCTGCAGCTTGAATCAGAGCTGGACACGGCTGTCCAGGGCACAGGCCTGG
 CCTTCATCGTCTACACTGAGGCCATTA AAAACATGGAAGTTTCCAGCTCTGGTCACTGCTACTTCTT
 CATGCTGCTGATGCTGGGTATCGGAAGCATGCTTGGAAAACACAGCGGCCATCCTCACCCCTCTGACTGAC
 AGCAAGGTCATCTCCAGTACCTGCCAAGGAGGCCATTTCCAGTTTGGTATGCCTCATCAACTGTGCTG
 TTGGCATGGTGTTCACCATGGAGGCTGGGAACTACTGGTTTGACATATTCAATGACTATGCGGCCACCT
 GTCTCTGCTGCTCATTGTGCTGGTAGAGACCATAGCTGTGTGCTATGTGTATGGGCTGAAGAGATTTGAA
 AGTGACCTTCGGGCCATGACTGGCCGCACCCTCAGCTGGTACTGGAAGGTCATGTGGCGCTTGTGAGTC
 CACTGCTCATCGTCGGCCTCTTTATCTTCTACCTGAGTGACTACATCCTCACGGGAACACTGCAGTACCA
 AGCCTGGGATGCTACTCAGGGGCAGTTGGTGACCAAGGATTACCCCCACATGCGCTAGCTGTATCGGT
 TTGCTGGTGGCTTCATCTACCATGTGCATCCCCCTGGTGGCCCTGGGGACTTTCATCAGGAATCGCCTCA
 AGAGGGGAGGCTCTGCCCAAGTGGCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_139142
- Insert Size:** 1779 bp
- OTI Disclaimer:** 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).
- 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_139142.2](#), [NP_631881.1](#)

RefSeq Size: 1894 bp

RefSeq ORF: 1779 bp

Locus ID: 102680

UniProt ID: [Q8VDB9](#)

Cytogenetics: 9 74.26 cM

Gene Summary: Mediates the calcium-dependent uptake of imino acids such as L-proline, N-methyl-L-proline and pipercolate as well as N-methylated amino acids.[UniProtKB/Swiss-Prot Function]