

Product datasheet for **MC221133**

Slc9a7 (NM_177353) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Slc9a7
Synonyms:	A530087D17Rik; NHE7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF:

>MC221133 representing NM_177353
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAGCCTAGTGACGCGGCGCGCCGGGTCCCGGGAGAGCTTTTCGGGGGCTGTCGCCGCGGCTGCTGC
 TGCTGCCACTGTTGCCTGTGCTGCTGGGTGCGGGGCTGCGGGCTGGGGCCGCGGCCTCCTCTGGGGCGGC
 GGCTGAGGACAGCAGCGCCATGGAGGAGCTTGCCACCAGAGAAGGAGGCGGAGGAGAGCCACCGGCAGGAC
 AGCGTGAGCCTGCTCACCTTCATCTGTGCTCACCCTCACCATCCTCACCATCTGGCTTTTCAAGCACC
 GCCGGTGCGTTTCTTTCATGAGACCGGCTGGCCATGATTTATGGGCTCATTGTTGGAGTGATCCTGAG
 ATATGGCACCCCTGCTACCAGCGGTATGACAAGTCACTCAGCTGTAAGGAGAGAGAGAGCCCTTTAGC
 ACTTTATTAGTGAATGTAGTGGGAAGTTCTTTGAATACACTCTGAAAGGAGAAATCAGCCCTGGCAAGA
 TCAACAACGTGGAGCAGAATGACATGCTGCGGAAGGTAACTTTGATCCAGAGGTATTTTCAACATTCT
 GCTGCCTCCAATTATTTCCATGCTGGATACAGCTTAAAGAAGAGACACTTTTTCAGAAATCTTGGGTGCG
 ATTCTGGCCTATGCTTTCTTGGGACTGCTGTTTCTTGCTTCATTATTGGAAATCTTATGATGGAGTGG
 TGAAACTCATGAAGATTGTGGGCCAGCTCTCTGATAAATTTTACTACACAGATTGTCTCTTTTTTGGAGC
 AATTATTTCTGCCACTGACCCAGTGACTGTGCTGGCAATCTTAAACGAAGTACATGCAGATGTGGATCTT
 TATGCTCTTCTGTTTGGAGAGGTGCTCGAATGATGCAAGTGGCATTGTAATCTCTGCTATTGTTG
 CCTATCAACAGCAGGACTAAACACTCATGCGTTTGATGCTGCTGCCTTTTTTAAGTCAGTTGGCATTTT
 CCTAGGTATATTTAGTGGCTCTTTTACCATGGGAGCTGTAAGTGGTGTGTTACTGCTCTAGTGACCAAG
 TTTACTAAGCTGCACTGCTTCCCCTGCTGGAGACAGCGCTTTTTTCTGATGCTGAGTACCTTTTCT
 TCCTGGCGGAAGCCTGTGGGTTTACAGGTGTTGAGCTGCTCTTTTCTGTTGGATTACACAAGCTCATT
 CACATATAACAACCTGTCAAGTGAATCTCGAAGTGAAGCAAGCAGCTTTTGAAGGTGTTACACTTCCTG
 GCAGAGAACTTCATCTTTTCTACATGGGCTGGCACTGTTTCACTTCCAGAAACACGTTTTTTCAGCCCCA
 TTTTCATCATCGGTGCTTTTGTGTCATCTTCTGGGAAGAGCTGCACATATCTACCCACTCTCTTCTT
 CCTCAACTTGGGCAGAAGGCATAAGATTGGCTGGAATTTTCAACACATGATGATGTTTTTCAGGCCTGAGA
 GGAGCGATGGCATTGCACTGGCTATCCGTGACACGGCATCGTATGCCCGCCAGATGATGTTTCAACAACCA
 CACTGCTCATTGTCTTCTTCACTGTGTGGGTATTGGTGGAGGCACGACCCCATGTTGTCATGGCTCAA
 TATAAGAGTTGGTGTGGAGGAGCTCTGGAAGAGGACCAGAATGAGAACCGATGGCAGTACTTCAGAGTC
 GGTGTTGACCCAGATCAAGACCCACCACCTAACAATGACAGCTTTCAAGTCTTACAAGGGGATGGCATGG
 ATTCTGTTGGAGGAAGCCGGACAAAGCAGGAAAGTGATGGATATTCAGGCTGTGGTACATCTTTGATCA
 TAATTAAGTGAAGCCATTCTACCCACAGTGGTCCCCCGTAACCACCACTCTCCCTGCCTGGTGTGGC
 TTGCTAGCTCGATGCTGACCACTCTCAGGTGTATGATAATCAAGAGCCACTGAGAGAAGTACTCTG
 ATTTTCATCTAACGGAAGGTGACCTCACCTTACCTATGGGATAGCACCCTGACAGCAAAATGGCTCCTC
 AAGCTCCTACACAGCCTCCACAAGTCTCGAGTGTGGTCGGAGAAACAAAAGCAGCTCTGAGGAAGTACTT
 GAGCGAGACCTGGGAATGGGAGACCAGAAGGTTTCCAGCCGGGGAACCCCTCGTGTTCCTACTGCAGG
 AAAATGCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_177353

Insert Size:

2181 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_177353.3 , NP_796327.1
RefSeq Size:	2469 bp
RefSeq ORF:	2181 bp
Locus ID:	236727
UniProt ID:	Q8BLV3
Cytogenetics:	X A1.3
Gene Summary:	Mediates electroneutral exchange of protons for Na(+) and K(+) across endomembranes. May contribute to Golgi volume and cation homeostasis (By similarity).[UniProtKB/Swiss-Prot Function]