

Product datasheet for **MC218625**

Slc9a7 (BC058750) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc9a7 (BC058750) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc9a7
Synonyms:	A530087D17Rik; NHE7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC058750
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGGAGCCTAGTGACGCGCGCGCCCGGGTCCCGGAGAGCTTTTCGGGGGCTGTCGCCGCGGCTGCTGC
 TGCTGCCACTGTTGCCTGTGCTGCTGGGTGCGGGGCTGCGGGCTGGGGCCGCGGCCTCCTCTGGGGAGGC
 GGCTGAGGACAGCAGCGCCATGGAGGAGCTTGCCACCGAGAAGGAGGCGGAGGAGAGCCACCGGCAGGAC
 AGCGTGAGCCTGCTCACCTTCATCCTGCTGCTCACCTCACCATCCTCACCATCTGGCTTTCAAGCACC
 GCCGGGTGCGTTTCCTTCATGAGACCGGCTGGCCATGATTTATGGGCTCATTGTTGGAGTGATCCTGAG
 ATATGGCACCCCTGCTACCAGCGGTGATGACAAGTCACTCAGCTGTACTCAGGAAGACAGAGCCTTTAGC
 ACTTTATTAGTGAATGTCAGTGGGAAGTTCTTTGAATACACTCTGAAAGGAGAAATCAGCCCTGGCAAGA
 TCAACAACGTGGAGCAGAATGACATGCTGCGGAAGGTAACATTTGATCCAGAGGTATTTTCAACATTCT
 GCTGCCTCCAATTATTTCCATGCTGGATACAGCTTAAAGAAGAGACACTTTTTTCAGAAATCTTGGGTGCG
 ATTCTGGCCTATGCTTTCTTGGGACTGCTGTTTCTTGCTTCATTATTGAAATCTTATGTATGGAGTGG
 TGAAACTCATGAAGATTGTGGCCAGCTCTCTGATAAATTTTACTACACAGATTGCTCTTTTTTGGAGC
 AATTATTTCTGCCACTGACCCAGTGACTGTGCTGGCAATCTTTAACGAACTACATGCAGATGTGGATCTT
 TATGCTCTTCTGTTTGGAGAGAGTGCTCTGAATGATGCAGTTGCCATTGTACTATCCTCGTCTATTGTTG
 CCTATCAACCAGCAGGACTAAACACTCATGCGTTTGATGCTGCTGCCTTTTTTAAGTCAGTTGGCATT
 CCTAGGTATATTTAGTGGCTCTTTTACCATGGGAGCTGTAAGTGGTGTGTTACTGCTCTAGTGACCAAG
 TTTACTAAGCTGCACTGCTTCCCCTGCTGGAGACAGCGCTTTTTTCTGATGTCCTGGAGTACCTTTC
 TCCTGGCGGAAGCCTGTGGGTTTACAGGTGTTGTAGCTGCTCTTTTCTGTGGGATTACACAAGCTCATT
 CACATATAACAACCTGTCAGTAGAATCTCGAAGTCGAAGCAAGCAGCTTTTTGAGGTGTTACACTTCCTG
 GCAGAGAACTTCATCTTTTCTACATGGCCTGGCACTGTTACCTTCCAGAAACACGTTTTTCAGCCCCA
 TTTTCATCATCGGTGCTTTTGTGCCATCTTCTGGGAAGAGCTGCACATATCTACCCACTCTCCTTCTT
 CCTCAACTTGGGCAGAAGGCATAAGATTGGCTGGAATTTTCAACACATGATGATGTTTTCAGGCCTGAGA
 GGAGCGATGGCATTGCACTGGCTATCCGTGACACGGCATCGTATGCCCGCCAGATGATGTTTCAACCA
 CACTGCTCATTGTCTTCTCACTGTGTGGGTGATTGGTGGAGGCACGACCCCATGTTGTCATGGCTCAA
 TATAAGATACAGTTCTGGAACATGATTGACAGATGA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC058750

Insert Size: 1647 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: [BC058750](#), [AAH58750](#)

RefSeq Size: 2206 bp

RefSeq ORF: 1646 bp

Locus ID: 236727

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]