

Product datasheet for **MR220838**

Slc9a9 (NM_177909) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Slc9a9 (NM_177909) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Slc9a9 |
| Synonyms: | 5730527A11Rik; 9930105B05; AI854429; Nhe9 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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ORF Nucleotide Sequence:

>MR220838 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTGGGCAGCTTCGGTTTACGTGAGGAAGGATGAAGATCATTTTCAACACCAGGGAGCAGTGGAGC
 TACTCGGTTTTAATTTTTGCTCATCCTTACCATTTTAAACAATCTGGTTATTTAAAAATCACCGATTCCG
 CTTCTTGCATGAGACTGGAGGGCGATGGTGTATGGCCTCATAATGGGACTAATTTTGGCATATGCCACA
 GCGCCGACTGATATTGATAGTGGAACTGTCTACAACGTGGAACTTGTCTTCAGCCCACTCAACTCTAC
 TAGTCAACATCACCGACCAAGTTTATGAGTATAAGTACCAGAGAGAGATCAACCAGCACAAATACAGCCC
 CCACCAAGGCAACGCCATACTGGAGAAGATGACGTTTGACCCAGAAATCTTCTCAACGTTTTGTGCCT
 CCCATCATATTTATGCAGGATACAGTCTGAGGAAGAGACTTTTTTCAAACCTGGGATCCATTTTAA
 CGTATGCCTTCTGGGAACAGCCATCTCCTGTGTGGTCATAGGGTTAATTATGTACGGCTTTGTGAAAGC
 CATGGTGCATGTGGCCAGCTGAAGAGCGGAGACTTCCACTTCACTGACTGTTTATTTTTGGTTCACTG
 ATGTCTGCTACAGATCCAGTGACAGTGTGGCCATTTTCCATGAACTCCAGTGGACCCAGACCTGTACA
 CACTGCTGTTTGGAGAGAGTGTACTGAATGATGCGGTGGCCATAGTCCTCACATACTCTATATCCATCTA
 TAGTCCCAAGGAGAATCCCAACGCGTTTGACACGGCAGCGTTCTTCCAATCCGTGGGCAATTTCCTAGGG
 ATCTTTGCCGGCTCCTTTGCAATGGGCTCCGCATATGCAGTTGTTACCGCACTGTTGACCAAATTTACCA
 AGCTCCGTGAGTCCCAGTGTGGAGACAGGCTGTTTTTCTCCTTTCTTGGAGTGCCTTCTGTCTGC
 AGAGGCCGCCGGCTTAAACAGGCATAGTTGCTGTCTCTCTGTGGAGTACACAGGCACATTACACCTAC
 AACAACTGTCTATCGGATTCAAACTGAGGACCAACAGCTGTTTGAATTTATGAACTTCTGGCTGAAA
 ACGTCATCTTCTGCTACATGGGCTGGCTGTTCACCTCCAGAATCACATTTCAATGCTCTTTTTAT
 ACTCGGAGCCTTTCTAGCAATTTTTGTTGCCAGAGCCTGCAACATTTACCCCTCTCCTCCTCCTGAAT
 CTGGGCAGAAAGCAGAAGATTCCCTGGAACCTCCAGCACATGATGATGTTTTTCAGGTTTGCAGGTGCCA
 TTGCCTTCGCCCTGGCCATCCGCAACACGGAATCTCAGCCCAAACAGATGATGTTACCACCACACTGCT
 CTTGTGTTCTTCACTGTCTGGGTGTTTGGAGGAGGAACGACCCCATGCTGACGTGGCTTCCAGATCAGA
 GTTGGTGTGGACCTGGATGAAAGTCTGAAGGAAGGCCCTCTCACAGCAGGAAGCAAATAAGTTGGACA
 AAAACATGACGAAGACAGAGAGTGCACAGCTCTCAGAATGTGGTATGGATTTGACCACAAATACCTGAA
 ACCCATCTAACACACTCAGGCCCTCCACTGACCACCACCTTCCAGCGTGGTGGGCCAGTCTCCAGG
 CTGCTCACCAGTCCGCAGGCCTATGGGGAACAACCTGAAAGAGGATGACGTGGAATGTATCGTCAACCAAG
 ATGAACTGGCCATGAATTACCAGGAGCAGAGCCCTTACCCAGCAGTCCCACCACCAAGCTAGCTCTGGA
 CCAGAAGTCTTACAGCCAGACTCCAGGCAAGGAGAATATCTACGAGGGAGATCTCGCCCTGGGAGGCTAT
 GATCTCAAACCTGGAGCAGACTCGGGGTCAACCCAGATGGAC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

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_177909.3](#)

RefSeq Size: 3492 bp

RefSeq ORF: 1935 bp

Locus ID: 331004

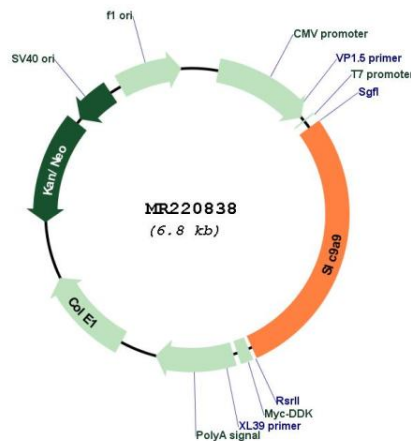
UniProt ID: [Q8BZ00](#)

Cytogenetics: 9 E3.3

MW: 72.2 kDa

Gene Summary: May act in electroneutral exchange of protons for Na(+) across membranes. Involved in the effusion of Golgi luminal H(+) in exchange for cytosolic cations. Involved in organelle ion homeostasis by contributing to the maintenance of the unique acidic pH values of the Golgi and post-Golgi compartments in the cell (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR220838