

Product datasheet for **MC220272**

Slc24a2 (NM_172426) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc24a2 (NM_172426) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc24a2
Synonyms:	2810021B17Rik; 6330417K15Rik; AI847460; Nckx2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220272 representing NM_172426
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATCTCCACCAAAGCCCCACAGCCAGGCTCCTGCAGAAATGGTGTTCCCATGAGTCACCATTTGGCT
 GCAGGAGACATTATAATAGCAGGAAAAAACTGAAGCTAATTCGAGTCATTGGCCTTGTCATGGGCCTGGT
 AGCTGTGAGCACTGTCCATTTTCAATCAGTGCCTTTACTGAGACAGACTCTCAGAGCAACAGAGGAGAA
 GCCAGTGATATGAGTGGCCCCAGAGTAGCACAGGGTCACCGTCAAAGAACTCTCTTAGACTTAAATGACA
 AGATTCGAGATTACCCCCACAGCCACCTGCTTCTCAGGAAGACCAAGCTGAGAACAGTACTGAGCACAC
 CCAGGGAGACTACCCAAAGGACATCTTTCCCTGGAGGAGCGAAGGAAAGGTGCCATCATTCTGCATGTC
 ATTGGGATGATCTATATGTTTCATAGCATTAGCCATCGTCTGTGATGAGTCTTTGTTCTCTCTAACTG
 TCATCACTGAAAACTGGGAATCTCTGATGATGTGGCTGGAGCCACCTTCATGGCTGCAGGCGGGTCAGC
 CCCAGAACTTTTACGTCTCTTATAGGGGTCTTCATTGCTCACAGCAATGTCGGCATTGGCACCATCGTG
 GGTTCGCGCGTGTCAATATTCTCTTTGTTATTGGCATGTGTGCTCTGTTTTCTAGAGAAATCCTAAACC
 TGACCTGGTGGCCGCTCTTTCGGGATGTGTCTTCTACATCGTTGATTGCTCATGTTGATCACATTTTT
 CCTGGATAACGTTATCATGTGGTGGGAAAGCTTACTCCTCTTAACAGCTTATTTGCGCTATGTGGTTTTT
 ATGAAGTTCAACGTCCAAGTAGAGAGATGGGTGAAGCAATGATATCTCGCAATAATGTTATCAAGGTGA
 CAGTGCCAGAAGCCCAAGCAAAGTACCTACAGCTGGGGACAAGGATGGGCCAATTTACCGTCGAAGCC
 ACGCCTCCAACGAGGCGGAAGCTCTGCCTCCCTCCACAACAGTCTCATGAGGAATAGCATCTTCCAGCTC
 ATGATACACACCTTGACCCACTCGCTGAAGAAGTTGGATCATATGAAAACTAAATATTATGACACAA
 TGACTGAAGAAGGGAGGTTTCAGAGAAAAAGCTTCAATTCTCCACAAGATCGCCAAGAAGAAATGCCAAGT
 GGATGAGAAATGAGAGGCAGAATGGGGCTGCCAATCATGTGAAAAAATTGAACTCCCCAACAGCACAAAGC
 ACAGAGGTGGAATGACGCCATCGAGCGAAGCTTCGGAACCCGTCAGAAATGAAACCTCTCCACAACA
 TTGAAGCTGCAGATGCCCCGAAGGCCACAGAGACTGCCGAGGAAGAAGATGACCAGCCCCCTCAGCTTGTC
 CTGGCCGACCAACACCCGCAAGCAAGCCACCTTCTAATCGTTTTTCCATTGTGTTCCCTCTCTGGATC
 ACCTTACCTGACGTCCGAAAACCTGCTTCCAGGAAGTTCTTCCCTATCACATTCTTCGGCTCCATCACCT
 GGATTGCAGTTTTCTCATACCTGATGGTGTGGTGGGCACACCAGGTTGGAGAGACAATCGGCATTAGTGA
 AGAAATCATGGGTCTGACCATCTTGGCTGCTGGGACCTCTATCCCTGATCTTATACCAGTGTCTAGTG
 GCCCGAAAGGGCTGGGGACATGGCTGTGTCCAGCTCTGTTGGAAGCAACATCTTTGACATCACTGTGG
 GGTCTCCACTGCGCTGGCTCCTTACACCATCATCCACAGATTACGCCAGTGACTGTGACGAGCAATGG
 CCTCTTCTGTGCCATCGTCCTTCTTTCATCATGTTGCTTTTGTCACTTCTCCATCGCCCTCTGCAAA
 TGGCGGATGAACAAAATCCTCGGCTTATCATGTTGGCTCTACTTCGTGTTCTGGTGGTCAGCGTCC
 TCCTGGAAGACAAAGTTCTCGTGTGCCCTGTCTCCATC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_172426

Insert Size: 2001 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_172426.2, NP_766014.1

RefSeq Size: 10606 bp

RefSeq ORF: 2001 bp

Locus ID: 76376

Cytogenetics: 4 C4