

Product datasheet for **MC220848**

Slc24a2 (NM_001110240) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc24a2 (NM_001110240) 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: >MC220848 representing NM_001110240
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATCTCCACAAAGCCCCACAGCCAGGCTCCTGCAGAAATGGTGTCCCATGAGTCACCATTTGGCT
 GCAGGAGACATTATAATAGCAGGAAAAACTGAAGCTAATTCGAGTCATTGGCCTTGTATGGCCCTGGT
 AGCTGTGAGCACTGTCCATTTTCAATCAGTGCCTTTACTGAGACAGACTCTCAGAGCAACAGAGGAGAA
 GCCAGTGATATGAGTGGCCCCAGAGTAGCACAGGGTCACCGTCAAAGAACTCTCTTAGACTTAAATGACA
 AGATTCGAGATTACCCCCACAGCCACCTGCTTCTCAGGAAGACCAAGCTGAGAACAGTACTGAGCACAC
 CCAGGGGAGACTACCCAAAGGACATCTTTCCCTGGAGGAGCGAAGGAAAGGTGCCATCATTCTGCATGTC
 ATTGGGATGATCTATATGTTTATAGCATTAGCCATCGTCTGTGATGAGTCTTTGTTCTCTCTAACTG
 TCATCACTGAAAACTGGGAATCTCTGATGATGGCTGGAGCCACCTTCATGGTGCAGGCGGGTCAGC
 CCCAGAACTTTTCAGTCTCTTATAGGGGTCTTATTGCTCACAGCAATGTCGGCATTGGCACCATCGTG
 GGTCCGCGGTGTTCAATATTCTCTTTGTTATTGGCATGTGTGCTCTGTTTTCTAGAGAAATCCTAAACC
 TGACCTGGTGGCCGCTCTTCGGGATGTGTCTTCTACATCGTTGATTGCTCATGTTGATCACATTTTT
 CCTGGATAACGTTATCATGTGGTGGGAAAGCTTACTCCTTAAACAGCTTATTTGCGCTATGTGGTTTTTC
 ATGAAGTTCAACGTCCAAGTAGAGAGATGGGTGAAGCAATGATATCTCGCAATAATGTTATCAAGGTGA
 CAGTGCCAGAAGCCAAAGCAAGCTCTCAGAATCCCTCCAGCCTCACAGGCAGATGGGAGGACAGCTTG
 CCCTACAATAACAAATGACCCGACTGCCAGAGTCTGTGTTTCGAGGTCTACCCTGAGACAGCCAGGCAT
 GGGTCTGCATAACGAATGTGAATGGAGAGCCGCTGAAAGAAAAGACCCAGAACAGCTGTATGGAAGAGT
 CACCTACAGCTGGGGACAAGGATGGGCCAACTTACCCTCGAAGCCACGCCTCCAACGAGCGGAAGCTC
 TGCCCTCCCTCCACAACAGTCTCATGAGGAATAGCATCTTCCAGCTCATGATACACACCCTTGACCCACTC
 GCTGAAGGGAGGTTGAGAGAAAAAGCTTCAATTCTCCACAAGATCGCAAGAAGAAATGCCAAGTGGATG
 AGAATGAGAGGCAGAATGGGGCTGCCAATCATGTGAAAAAATTGAACTCCCAACAGCACAAAGCACAGA
 GGTGGAATGACGCCATCGAGCGAAGCTTCGGAACCCGTCGAGAATGGAACCTCTCCACAACATTGAA
 GCTGCAGATGCCCGAAGGCCACAGAGACTGCCGAGGAAGAAGATGACCAGCCCTCAGCTTGTCTGTC
 CGACCAACACCCGCAAGCAAGCCACCTTCTAATCGTTTTTCCATTGTGTTCCCTCTCTGGATCACCTT
 ACCTGACGTCGAAAACCTGCTTCCAGGAAGTTCTTCCCTATCACATTCTCGGCTCCATCACCTGGATT
 GCAGTTTTCTCATACCTGATGGTGTGGTGGGCACACCAGTTGGAGAGACAATCGGCATTAGTGAAGAAA
 TCATGGGTCTGACCATCTTGGCTGCTGGGACCTTATCCCTGATCTTATACCAGTGTATAGTGGCCCG
 AAAGGGCCTGGGGACATGGCTGTGTCCAGCTCTGTTGGAAGCAACATCTTTGACATCACTGTGGGGCTC
 CCACTGCCCTGGCTCCTTACACCATCATCCACAGATTAGCCAGTACTGTCAGCAGCAATGGCCTCT
 TCTGTGCCATCGTCTTCTTTCATCATGTTGCTTTTGTCTTCTCCATCGCCCTCTGCAAATGGCG
 GATGAACAAAATCCTCGGCTTATCATGTTTGGCCTCTACTTCGTGTTCTGTTGGTGTGAGCGTCTCCTG
 GAAGACAAAGTTCTCGTGTGCCCTGTCTCCATC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001110240
Insert Size: 2136 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:	<ol style="list-style-type: none">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:	<u>NM_001110240.1, NP_001103710.1</u>
RefSeq Size:	10516 bp
RefSeq ORF:	2136 bp
Locus ID:	76376
Cytogenetics:	4 C4