

Product datasheet for **MC219484**

Slc24a3 (NM_053195) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc24a3 (NM_053195) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc24a3
Synonyms:	NCKX3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219484 representing NM_053195
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATCTCATTGGGAAGATAGAAAATGGATGGTGGGGAGGAAGCTGATGCAGGTGAATGATACACTGA
 CTTCTGAAGATGCAGGGCTCCAGAGCAGCAAGAACTGCACAGAACCAGCCCTGCATGAATCCCCAGGGA
 CATCTTCTCCAATGAAGACCCGACGACAGGGAGCAGTGGTCTCCACGTGCTCTGTGCCATGTACATGTTT
 TATGCGCTGGCCATTGTGTGCGATGACTTCTTCGTCCTCCATCCTTGAAAAAGATCTGTGAGCGCTCCACC
 TCAGTGAAGATGTGGCAGGAGCCACATTCATGGCAGCAGGCAGCTCGGCCCCAGAGCTGTTACGTCGGT
 CATAGGAGTCTTCATCACAAGGGTGTGTGGGAGTTGGCACCATCGTGGGCTCTGCCGTGTTCAACATC
 CTGTGCATCATTGGCGTCTGCGGGCTCTTTCAGGGCAGGTGGTGGCTCTTCTCCTGGTGCCTGCTGA
 GGGACTCCATCTACTACACGCTGTCTGTGGTGCAGCTCATTGTGTTCAATACGATGAAAAAGTTTCTTG
 GTGGGAATCTCTAGTCTTGTGCTGATGTACCTCATCTATATCGTCATCATGAAATACAATGCGTGCATA
 CACCAGTCTTCGAAAGGAGGACGAAAGGTGCCGGGAACATGGTCAACGGATTGGCCAACAATGCAGAAA
 TCGACGACAGCAGCAACTGCGATGCCACTGTGGTGTCTACTCAAGAAAGCCAATTTCCACCCAAAGCGTC
 CGTGATCATGGTGGATGAGCTGCTGTCTGCCTACCCACACCAGCTTTCTTCTCTGAGGCTGGCCTTCGA
 ATTATGATCACAAGCCACTTTCTCCCAAGACCCGCTCTCCATGGCCAGTCGCATGTTAATCAATGAGA
 GACAAAGACTGATAAACAGCAGGGCCTATACCAATGGGAATCTGAAGTGGCCATCAAAATCCCAATTAA
 GCACACAGTGGAGAACGGAACAGGGCCAGCAGTGCCCCAGACAGGGGTGAACGGAACCCGGAGGGAC
 GACATAGTTGCTGAGACTGACAATGAGACAGAGAACGAGAATGAAGACAATGAGAATAACGAGAATGATG
 AAGAGGAGGAGGAGGATGAAGATGATGATGAAGGCCCTACACGCCGTTTCGACCCCTCTGGCAACT
 GGAACTGTGAAATGGGCTTTCACCTGGCCACTGAGCTTTGCTTGTACTTCACTGTCCCAACTGTAAC
 AAACCCCACTGGGAGAAGTGGTTTATGGTGACATTCGCTTCTCTACGCTATGGATCGCAGCCTTCTCCT
 ACATGATGGTGTGGATGGTTACCATCATCGGCTACACACTAGGGATCCCTGATGTCATCATGGGGATCAC
 CTTCTGGCTGCCGAACCAGCGTGCCAGACTGCATGGCCAGCCTCATTGTAGCCAGACAAGGGATGGGG
 GATATGGCTGTGCCAATCCATTGGGAGCAACGCTTTTGACATCTTGATTGGGCTCGGTCTTCCCTGGG
 CTCTGCAGACTCTGGCTGTAGACTACGGATCCTATATTCGGCTGAATAGCAGAGGGCTCATCTACTCCGT
 GGGCTTGCTCCTGGCCTCTGTCTTGTACGGTCTTGGTGTTCACCTGAACAAGTGGCAGCTGGACAAG
 AAGCTGGGCTGTGGATGCCTCTTCTGTACGGCTGTTCTCTGTTTCTCCATCATGACGGAGTTCAACG
 TGTTACCTTTGTGAACCTGCCATGTGTGGGACT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_053195
- Insert Size:** 1788 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.

RefSeq: [NM_053195.2](#), [NP_444425.1](#)

RefSeq Size: 3436 bp

RefSeq ORF: 1788 bp

Locus ID: 94249

Cytogenetics: 2 G1