

Product datasheet for **MC202192**

Slc10a3 (NM_145406) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc10a3 (NM_145406) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc10a3
Synonyms:	DXHXS253E; DXS253Eh; DXSmhG28; P3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC027440 sequence for NM_145406
 GCCGGCCCGGGCCACTTGTGAGGAGCTCTGTGGCCGCGGAAGCAAGTGAGAGATTTGACCAGTTAC
 CTTACTCTGGTTTTCTGCCTCCCTCTTCATCAGCGAGATTCAAGGCTGGACCAGGGCCCCAGGGAAAA
 AATCCTGCTATCAAGGAAGAAAAATAGGACCAGGACCTCCCATGGACCCTTCTCAGGACATTCACA
 GCACAAGCAAGGGTGTCTCCCTAAGACACAAGAGGCTGAAAAAACTATCCTTTGTGAAGTGCCATGGT
 GTCAAGAAAAGCAGAGGTAGCTCCAGCAGTTGCCTGGCCTGGGAGGACAGGGTGGTTGTACAGGTTTTG
 TAGGCATGCTTGGAACTGCCCTGTTCATCAGCCTACCATGGGAGCTCAAGTGATGGCCAGTGCCAA
 CATCAGCACTGCTCTGGGCCACACAAGTGGTCACTATTTGAGTATTGGGGATGGCTCAGTGACAGAATTT
 GATTTCCCTGAGAAGAGTGAGGGTATCATTGTGATCTCTAGCCAATACACTGGACAGACCAATGGGACAG
 GCCCAGCCCATACTTAAGTTATATCCCTGGACACAGAGGTGCTGACCATTAAGAATGTGAGTGCCAT
 AACCTGGAGCAGTGGAGGTGGCTTTGTGGTAGGCATCCACTCAGGTCTAGCTGGGCTGGCCCACTCCAC
 CTCAGCTCATGGATTTCTATGAGGCCCAACCCTGCTGATCGAAGAACGGAGAGATTTCTGCATCAGGG
 TGTACCTGCTGAAGACCTCCCTTCTGCTCTCAACACCAACTTGGGCCACTTCTCAGAGAACCCAATACT
 CTACTTGTCTTCTGCTTATCTTTGTCAACAAGTGTTCATTTGGTTGCAAAGTGGAACTGAAGTTTTG
 AAGGAGCTCTACAGAGCCCCAACCCATGCTGTTGGGCCTCTTGGCCAGTTTCTGGTCATGCCTTTCT
 ATGCTTTCTGATGGCCAAAGTCTTCATGCTACCCAAGGCCTTAGCTCTGGGCCTCATCATTACCTGCTC
 ATCACCTGGTGGTGGAGGGAGCTACCTCTTCAGTCTCCTCCTTGGAGGAGATGTACCCCTGGCCATCTCC
 ATGACTTTTCATCTCAACAGTAGCTGCCACTGGTTTCTACCCTCTCATCAGCCATCTACAGCTACCTTC
 TCAGCATCCATGAAACACTCCACGTGCCATCTCCAAGATATTGGGGACCCTGCTGTTTATCGCCATCCC
 CATAGCAGCGGGTGTGGTGATCAAACTAAGCTCCCCAAGTTCTCTGAACTACTGTTACAGGTATCAAG
 CCCTTCAGCTTTATACTTCTCCTGGTGGCCTGTCTCCTGGCCTACCACATGGGGGCTTTCATCCTAGTGG
 GAGTCAAGTTACCATTTACTGGTGGGTTTACAGTGCCTCTTGTGGCCTCTTGGTGGGCTACAGCCT
 GGCCATCTGCCTGAAGCTGCCAGTGGCTCAGCGACGAACAGTCAAGTGGGAGGGTGCAAAACAGC
 CTGCTAGCCTTAGCCATGCTACAGCTGTCTCTGCGCCGCTTCAAGCAGACTATGCCTCTCAGGCCCTT
 TCATTGTGGCACTGAGTGGTACCTCCGAGATGTTGGCTTTGGTTATTGGCCAGTTCATCTATAGCATCTT
 GTTTCCTGTTCCCTGAGCCCTCTGGATCAAGTTTTATACTTCCAGCCCCATACTCCTCTCTTCCAC
 GTTCTTGTGTACCGTACCAAAGGCCTTTAGTTCTCATGCACTATGCACTCAAGACAAATCCAGGCTTATT
 TTTTACTCCTTTTCGCCCCAGCTTTCAGTGCCAAAGAGGCCATGCTGAGTTAGATAGTTGGGTATTGCC
 CAGAAATATATTTCAATAAAAAAAAAACCAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_145406

Insert Size: 1422 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: [BC027440](#), [AAH27440](#)

RefSeq Size: 1942 bp

RefSeq ORF: 1422 bp

Locus ID: 214601

UniProt ID: [P21129](#)

Cytogenetics: X 38.0 cM

Gene Summary: The ubiquitous expression and the conservation of the sequence in distant animal species suggest that the gene codes for a protein with housekeeping functions.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 both encode the same protein.