

## Product datasheet for **MC218876**

### **Slc45a3 (NM\_001177628) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Slc45a3 (NM_001177628) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc45a3
Synonyms:	2210413P12Rik; AU023994; AU043764; IPCA-6; Pcanap6; PRST
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC218876 representing NM\_001177628  
Red=Cloning site Blue=ORF Orange=Stop codon

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TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGATCCAGAGGCTGTGGCCAGCCGTCTGCTACGGCACCGAAAGCTCAGCTCCTGCTGGTCAACCTGC
TCACCTTTGGCCTGGAGGTGTGCCTGGCTGCCGCATTACCTATGTGCCACCCCTTCTGCTGGAAGTCGG
GGTGGAGGAGAAATTCATGACCATGGTGTGGGCATTGGCCAGTGCTAGGCCTGGTTTCTGTTCCACTC
CTAGGCTCAGCCAGTGACCAGTGGCGTGGGCGCTATGGCCCGGAGACCCTTTATCTGGGCTTTGTCCC
TGGGTGTCCTGTAAGCCTTTTCTCATCCGAGGGCTGGCTGGCTGGCAGGACTGCTGTACCCAGACAC
CAGGCCCTGGAGTTGGCCCTGCTGATCTTGGGAGTGGGCTGCTGGACTTTTGTGGCCAGGTGTGCTTT
ACTCCATTGGAGGCCTTACTCTCCGACCTTCCGGGACCCAGACCCTGCCCAAGCCTTCTCTGTCT
ACGCCTCATGATCAGCCTTGGGGCTGCCTGGGTACCTTTACCTGCCATTGACTGGGACACCAGCGT
TCTGGCCCTACCTGGTACTCAGGAAGAATGCCTCTTTGGCCTCCTCACCTCATTTTCTCATCTGC
ATGGCAGCCACTCTGTTTGTGACGGAGGAGCAGTACTGGGCCACCCGAGCCGGCAGAAGGGTTGTGG
TCTCTGCCGTGTCGCGCCGATGTGCCCCATGCCACGTTGGCCTGGCTTTCGGAATCTGGGTACCCTGTT
TCCCCGGCTGCAGCAGCTGTGCTGCCGCATGCCTCGCACCTACGCCGACTCTTTGTGGTGAGCTGTGC
AGCTGGATGGCACTTATGACTTTACACTGTTCTACACGGACTTCGTGGGAGAGGGGCTGTACCAGGGTG
TACCCAGAGCCGAGCCAGGCACCCAGGCCCGGAGACACATGATGAAGGCATTGAAATGGGCAGCCTGGG
GCTCTTCTGCAGTGTCCATCTCCCTGGTCTTCTCCCTGGTTCATGGACAGGCTGGTACAGAAGTTCGGC
ACACGGTCAGTCTATCTGGCCAGTGTGATGACCTTCCCTGTGGCTGCCGCTGCCACCTGCCTGTCCACA
CGCTGGTGGTAGTGACAGCCTCAGCTGCCCTCACCGGGTTCACCTTCTCGCCTTGACAGTCTGCTTA
CAGCTCGCCTCCCTCTACCACCGTGAGAAGCAGGTGTTCTGCCCCAAATACCGAGGGGACGCTGGAGGT
AGCAGCGGTGAGGACAGCCAGACAACCACTTCTTCCAGGCCCTAAGCCAGGAGCTCTTCCCAATG
GACACGTGGGCTCTGGCAGCAGCGGCATCCTGGCCCTCCACCTGCACTCTGTGGGGCTCTGCCTGCGA
TGTCTCCATGCGAGTGGTGGTGAGCCACCTGAGGCCAGGGTTGTTACGGGACGGGGCATTTCCTG
GACCTGGCATTCTGGACAGTGCCTTTCTGCTGTCCAGGTGGCTCCGCTCCTGTTATGGGCTCCATTG
TCCAGCTGAGCCACTCTGCACTGCCTATATGGTATCAGCTGCAGGCTTGGGTCTGGTCCGCACTTACT
TGCTACACAGGTAGTGTGGACAAGAACGACTTGCCAAATACTCAGTGTAG
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001177628

**Insert Size:** 1662 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\\_001177628.2](#), [NP\\_001171099.1](#)

**RefSeq Size:** 3267 bp

**RefSeq ORF:** 1662 bp

**Locus ID:** 212980

**UniProt ID:** [Q8K0H7](#)

**Cytogenetics:** 1 E4