

Product datasheet for **MC218784**

Slc45a3 (NM_145977) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc45a3 (NM_145977) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc45a3
Synonyms:	2210413P12Rik; AU023994; AU043764; IPCA-6; Pcanap6; PRST
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC218784 representing NM_145977
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGATCCAGAGGCTGTGGCCAGCCGTCTGCTACGGCACCGAAAGCTCAGCTCCTGCTGGTCAACCTGC
 TCACCTTTGGCCTGGAGGTGTGCCTGGCTGCCGCATTACCTATGTGCCACCCCTTCTGCTGGAAGTCGG
 GGTGGAGGAGAAATTCATGACCATGGTGTGGGCATTGGCCAGTGCTAGGCCTGGTTTCTGTTCCACTC
 CTAGGCTCAGCCAGTGACCAGTGGCGTGGGCGCTATGGCCCGGAGACCCTTTATCTGGGCTTTGTCCC
 TGGGTGTCCTGCTAAGCCTTTTCTCATCCGAGGGCTGGCTGGCTGGCAGGACTGCTGTACCCAGACAC
 CAGGCCCTGGAGTTGGCCCTGCTGATCTTGGGAGTGGGCTGCTGGACTTTTGTGGCCAGGTGTCTTT
 ACTCCATTGGAGGCCTTACTCTCCGACCTTCCGGGACCCAGACCCTGCCCAAGCCTTCTCTGTCT
 ACGCCTCATGATCAGCCTTGGGGCTGCCTGGGTACCTTTACCTGCCATTGACTGGGACACCAGCGT
 TCTGGCCCTACCTGGTACTCAGGAAGAATGCCTCTTTGGCCTCTCACCTCATTTCCTCATCTGC
 ATGGCAGCCACTCTGTTGTGACGGAGGAGCAGTACTGGGCCACCCGAGCCGGCAGAAGGGTTGTGG
 TCTCTGCCGTGTGCGCCGATGTGCCCCATGCCACGTTGGCCTGGCTTCCGGAATCTGGGTACCCTGTT
 TCCCCGGCTGCAGCAGCTGTGCTGCCGCATGCCTCGCACCTACGCCGACTCTTTGTGGCTGAGCTGTGC
 AGCTGGATGGCACTTATGACTTTCACACTGTTCTACACGGACTTCGTGGGAGAGGGGCTGTACCAGGGTG
 TACCCAGAGCCGAGCCAGGCACCGAGGCCCGGAGACACTATGATGAAGGCATTGGAATGGGCAGCCTGGG
 GCTCTTCTGCAGTGTCCATCTCCCTGGTCTTCTCCCTGGTTCATGGACAGGCTGGTACAGAAGTTCGGC
 ACACGGTCAGTCTATCTGGCCAGTGTGATGACCTTCCCTGTGGCTGCCGCTGCCACCTGCCTGTCCCACA
 CGGTGGTGGTAGTGACAGCCTCAGCTGCCCTCACCGGTTTACCTTCTCGCCTTGACAGTCTGCTTGA
 CACGCTCGCCTCCCTCTACCACCGTGAGAAGCAGGTGTTCTGCCCCAAATACCGAGGGGACGCTGGAGGT
 AGCAGCGGTGAGGACAGCCAGACAACCACTTCTTGGCCAGGCCCTAAGCCAGGAGCTCTTCTCCCAATG
 GACACGTGGGCTCTGGCAGCAGCGGCATCCTGGCCCTCCACCTGCACTCTGTGGGGCTCTGCCTGCGA
 TGTCTCCATGCGAGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
 GACCTGGCATTCTGGACAGTGCCTTTCTGCTGTCCAGGTGGCTCCGCTCCTGTTTCATGGGCTCCATTG
 TCCAGCTGAGCCACTCTGCTACTGCCTATATGGTATCAGCTGCAGGCTTGGGTCTGGTCCGCACTTACT
 TGCTACACAGGTAGTGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_145977
- 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_145977.2](#), [NP_666089.1](#)

RefSeq Size: 3348 bp

RefSeq ORF: 1662 bp

Locus ID: 212980

UniProt ID: [Q8K0H7](#)

Cytogenetics: 1 E4