

Product datasheet for **MC221585**

Slc45a4 (NM_001033219) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc45a4 (NM_001033219) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc45a4
Synonyms:	9330175B01Rik; AW552276
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221585 representing NM_001033219
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAAATGGCTCCGCAGAATGCCGACTCGGAATCTATGCAAGTACAAGAGCTGCCTGTGCCCTGCCAG
 ACCCTCAGAAACCCAGAGACCCAGAGGGGAGACCCAAGAGGAGACCACAAGCGAGGGGTCCATAGACAG
 AATCCCCACACGCCTATGGGTATGCATGGGGCAGTGATGTTTGGCAGGGAATTTTGTACGCGATTGGAG
 ACAGCACTGGTTACACCTATACTGTTACAGATAGGCCTCCCTGAGAAGTACTACAGCCTGACCTGGTTCC
 TGAGCCCCGTCCTCGGCCTCATCTTACACCGCTTATTGGCTCTGCAAGTGACCGCTGCACCCTGAGCTG
 GGGCCGCCGGCCCTTCATCCTTGGCTGTGTGGGGTCTCATTGGTGTGCACTTTTCTCAAC
 GGCTCCGCCATAGGTCTGGCGCTCGGTGATGTTCCAGCCGGCAGCCATTGGCATTGTCCTCACGGTGC
 TGGGAGTGGTGGTCTGGATTTCACTGCCGATGCAACTGAAGGGCCATTCTGCTACCTGCTGGATGT
 GGTAGACAGTGAGGAGCAAGACATGGCCCTCAACATACACGCCTTCTCTGCTGGCCTTGGTGGGGCCATT
 GGCTACGTGCTGGGTGGGCTGGACTGGACGCAGACCTTCTAGGTGACTGGTCCAGACGAGAACCAGG
 TGCTGTTCTTCTCGCTGCCGTATCTTCTCCGTGTCGGTGGCTCTGCATCTTTCAGCATCGAGGAGGA
 GCAGTACAGCCCACAGCAGGACCGCGGGCTGAGGATCCCACCCTGCCCGGACCAGCGTTCAGCCTGGC
 GCCCAGCCCCTGCCTCCCGCTCAGCTCCCTTGGTGGGGCATGCAGGACGGCAGCCCCCATTCCAG
 ATGAGGTACAGTCAGAGCAGGACTGTCCTTGGACTACCTCGATGTGGACATCGTGCGCAGCAAGAGTGA
 CTCGGTGTGCACATGGCCGACGCCACACTGGACATGGAGCCCCAGCTGCTTCTCTGCATGACATCGAA
 CCCTCCATCTTCAAGACGCTTCTACCCAGCACCCCCAGAGCACCAGCCAAGAGCTTCTGAGGGCCA
 AGCTGCCCGCCTGTCCACGTTCTCAGGGAGTCCACCAAGGAGGACGACACTTGTGTTGATAATCACT
 GAATGAAGCTAAAGTCCCAAATGGGAGAGGCTCCCCACCAATCAACTCCCTCAGCCGCTCCAAGGTAGAC
 TTGAAGCCCTCAGTCACATCTGGTTCATGAGGCGGCGTAGGCACATGTTTCACAGGCAGCCTTCTAGCA
 CTTTCTCTACTACGGCAAGATTGGATCCCACTGCTACCGATACCGCGGGCCAACGCAGTGGTCTCAT
 CAAGCCGTCGCCAAGCATGAGCGACCTGTATGACCTGCAGCAGCGGCAGCGCTCCCGGCACCGCAACCAG
 AGTGGGGCCACTGCCTCCAGCGGGGACACGGAGAGTGAGGAGGGTGGAGACAGAGACCACCGTGGCCTGC
 TGTGGCTGTCCATGCTGAAGATGCCAAGGAGCTGATGTGGCTCTGCCTCTGTCACTACTCACTTGGTT
 CTCGGTATCGCAGAGGCTGTCTTATACTGACTTTCATGGCCAGGTTATCTTCAAAGGGAACCCGCAG
 GCCCCTCCAACCTCCACCAAGTGGCATGCCTACAATGCTGGCGTGAAGATGGGCTGCTGGGGCCTGGTCA
 TCTACGCTGCTACTGGTGTATCTGCTCAGCCTTCTACAGAAGTACCTGGACAATATGACCTGAGCAT
 CAGGATCATCTACATGTTGGGGACACTGGGCTTCTCCGTGGGCACCGCTGTGATGGCCATGTTTCCCAAC
 GTCTACGTGGCCATGGTCAACATCAGCACCATGGGTGTTGTCTCGATGAGCATCTCCTACTGCCCTATG
 CCCTCCTAGGGCACTACCATGACATCAAGGAGTATGTCCACCACAGTCCGGGGAATTCGAAGCGTGGATT
 TGGCATTGACTGCGCCATCCTCTCTGTGAGGTCTACATCTCCAGATCCTGGTTGCATCTGCCCTTGGG
 GGCGTGGTTCGACGCTGTGAATAGTATCGTTGTCTATCCCATAGTGGCCTCTGTAGGCTCTTCTGGGCT
 TCTTGACAGCCACATTCTGGTCTATACCCTGAGGTGTGAGGGAACCTAAGGAGGAACAGAAAGGCT
 GTCCTCAGGGCCCGCTGGCGAAGGCGAGGGTGGAGCGGGCAGTGAGAAGCCCACTGTACTGAAGCTGTCT
 CGGAAAGGGGGCCTTCGGGGCTGGTGGAGACGGAGTCCATGGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001033219
Insert Size: 2358 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_001033219.3</u> , <u>NP_001028391.2</u>
RefSeq Size:	4659 bp
RefSeq ORF:	2358 bp
Locus ID:	106068
UniProt ID:	<u>Q0P5V9</u>
Cytogenetics:	15 D3