

Product datasheet for **RN202693**

Slc45a3 (NM_001135868) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc45a3 (NM_001135868) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc45a3
Synonyms:	RGD1309764
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202693 representing NM_001135868
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATCCAGAGGCTGTGGCCAGCCGTCTGCTAAGGCATCGGAAAGCCAGCTCCTGCTGGTCAACCTGC
 TAACCTTCGGCCTGGAGGTGTGCCTGGCTGCTGGCATTACCTATGTGCCACCCCTTCTGCTGGAAGTCGG
 GGTAGAGGAAAAGTTCATGACCATGGTGTGGGCATTGGCCAGTCTGGCCTGGTTTCTGTTCCACTC
 CTAGGCTCAGCCAGTGACCAGTGGCGTGGGCGCTATGGCCCGGAGACCCTTTATCTGGGCTCTGTCCC
 TGGGTGTCCTGCTAAGCCTCTTCTCATCCCGAGGGCCGGCTGGCTGGCAGGGCTACTGTGTTCCAGATAC
 TAGGCCCTGGAGTTGGCCCTGCTCATCTGGGAGTGGGCTGCTGGACTTTTGGGCCAGGTGTGCTTT
 ACTCCACTGGAGGCCCTACTCTCCGACCTTCCGGGACCCAGACCCTGCCCAAGCCTTCTCTGTCT
 ATGCCTTCATGATCAGCCTCGGGGCTGCCTGGGCTACCTTTACCTGCCATTGACTGGGACACCAGCGC
 CCTGGCCCCCTACCTAGGCACTCAGGAAGAATGCCTTTCGGCCTCCTCACCTCATTTTTCTCATCTGT
 GTGGCAGCCACTCTGCTTGTGGCTGAGGAGGCAGTCTTGGCCACCCGAGCCAGCAGAAGGGTTGTTGG
 TCTCTCCGTGTACGCCGGTGTCTCATGCCATGCTGGCCTGGCTTTCGGAAATCTGGGTACCCTGTT
 TCCCCGGCTGCACCAGCTGTGCTGCCGAATGCCTCGCACCTGCGCCGGCTCTTTGTGGCCGAGCTGTGC
 AGCTGGATGGCACTTATGACTTTACACTGTTCTACACGGACTTCGTGGGAGAGGGGCTGTACCAGGGTG
 TCCCCAGAGCAGAGCCAGGTACCGAGGCCCGGAGACACTATGATGAAGGCATTGAAATGGGCAGCCTGGG
 GCTCTTCTGCAGTGTCCATCTCCCTGTTCTTCTCCCTGGTTCATGGACAGGCTGGTACAGAAGTTCGGC
 ACACGGTCAGTCTACCTGGCCAGTGTGATGACCTTCCCGTGGCTGCCGCTGCCAGTGCCTGTCCCACA
 CGGTGGTTGTAGTGACAGCCTCAGCTGCCCTCACCGGTTACCTTCTCAGCCTTGACAGTCTGCTTGA
 CACGCTCGCCTCCCTCTACCATCGAGAGAAGCAGGTGTTCTGCCCCAAATACCGAGGGGACGCTGGAGGT
 GGTAGCAGTGAAGACAGCCAAACAACAGCTTCTTGTAGGCCCTAAGCCAGGAGCTCCCTTCCCCAATG
 GACACGTGGGCCCTGGCGGCAGCAGCATCCTGGTCCCCCACCTGCACTCTGTGGGGCCTCTGCCTGTGA
 TGTCTCCATGCGAGTGGTGTGGGTGAGCCACCTGAAGCCAAGGTTGTTACTGGACGGGGCATTGCTG
 GACCTTGCCATCCTGGACAGTGCCTTTCTGCTGTCCAGGTGGCTCCGCTCCTGTTTCATGGGCTCCATTG
 TCCAGCTGAGCCACTCTGCTACTGCCTATATGGTATCAGCTGCAGGCTTGGGTCTGGTCCGCACTTACTT
 TGCTACACAGGTAGTGTGGACAAGAATGACTTGCCAAATACTACTG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001135868

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_001135868.1](#), [NP_001129340.1](#)

RefSeq Size: 3254 bp

RefSeq ORF: 1662 bp

Locus ID: 304785

Cytogenetics: 13q13