

Product datasheet for **MC200458**

Slc29a1 (BC004828) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc29a1 (BC004828) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc29a1
Synonyms:	1200014D21Rik; AA407560; ENT1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC004828
 CTTATCTCCCAGCTACAGGGTGGCCCTTTATCTCTCCCAGCTTCGCAGGACCCAACCTCCTGCCTGAGCC
 TGAGCCAGGACCCCTTCTGGGGAACGCCAGGTACCTTTGGCTCTACCGTCTGCCAACATCGAGTCT
 ATAAATTTGCAAGAGCCAGAGGGAGGGAGCTGCCAGCCAGGCACAGCCGAGAACACTGGAGCCATGACAA
 CCAGTCACCAGCCTCAGGACAGGTATAAGGCAGTATGGCTTATCTTCTTTGTGCTGGGCCTGGGACACT
 GCTCCCCTGGAATTTTTTATGACCGCAACCAAGTATTTACAAAACCGCCTGGACGTGTCCAGAATGTG
 TCCTCGGACACTGATCAATCATGCGAAAGCACCAAGGCCTTGGCTGACCCACAGTGCCCTTGCCAGCCC
 GGAGTTCTCTCAGTGCCATCTTCAACAATGTCATGACCCTGTGTGCCATGCTGCCCTTGCTGGTCTTCAC
 CTGCCTCAACTCGTTTCTGCATCAGCGGATCTCTCAATCTGTTCCGATCTTGGGAGCCTGCTGGCAATC
 CTGCTGGTATTCTTGTCACTGCCGCCCTGGTGAAGGTGGAGATGGATGCTGACCTTCTTTGTATCA
 CCATGATCAAGATTGTGCTCATCAATTCATTTGGTGCCATTTTGAAGCCAGCCTTTTTGGTCTGGCAGG
 TGTCTGCCAGCCAACTACACAGCCCCATCATGAGTGGCCAGGGCCTGGCTGGCTTCTTCACTCTGTC
 GCCATGATCTGTGCCATTGCCAGTGGTTCTGAGCTGTCAGAAAGCGCCTTTGGCTACTTCATCACAGCCT
 GTGCAGTTGTCAATTTGGCCATCCTGTGCTACCTGGCTCTGCCTCGGACGGAATTCTATCGCCATTACCT
 GCAGCTCAACCTTGCAGGCGCTGCAGAGCAGGAGACCAAGTTGGATCTCATAAGTAAAGGAGAGGAGCCA
 AAAGGAAGAAGAGAGAAATCTGGGGTGCCAGGCCCAACTCTCCACCACCAACGAAACCAGTCTATCA
 AAGCCATACTTAAGAGTATCTGTGTCCCGCTCTGTCTGTCTGCTTCATTTACGGTTACCATTGGGTT
 GTTCCCTGCTGTGACTGCTGAGGTGGAATCCAGCATCGCAGGCACAAGTCCCTGGAAAAGCTACTTCATT
 CCCGTGGCCTGTTTCTTGAATTTCAATGTCTTTGACTGGCTAGGCCGGAGCCTCACTGCTGTCTGCATGT
 GGCCTGGCCAGGATAGCCGCTGGCTGCCGGTTTTGGTCGCCTCGAGGATTGTGTTTGTCCCTGCTGAT
 GCTCTGCAACGTGAAGGCTCGCCACTGCCGCGCAGCGGCACCATTTCGCTTTAAGCATGACGCCCTGG
 TTCATCGCCTTCATGGCTGCCTTTGCCTTCTCCAATGGCTACCTGCCAGCCTCTGCATGTGCTTCGGGC
 CCAAGAAAGTCAAACCAGCTGAGGCGGAGACAGCAGGAAACATCATGTCCTTCTTTGTGCTGCTGGGCCT
 GGCTCTGGGAGCTGTGTTGTCCTTCTTGTAAAGGGCACTTGTGTGACCCTGTGGGACAGAAGAACTACA
 CTGCCTGCTTCTGCTCACTTCTTCCCTGCCAGGACGAGCAGGGTTCGAGAGGGGCTGTTCTTCTAGC
 TGACTTCTGCTTCTCTGGACTGTGCTTCGCCAGCTGTCCAGGAGCCAGCGATGGCCTGCGGGTGGAC
 TTGGAATTCAGGGTCAAGATGGCAAGGGCTCAATGGCCTCTGACTGACAGCTCCGACTGATGCCCGCTTA
 CTCCAAGCACAAGAGACTCCAGGGCCAAGAGAGATCTGTCCGCTGCCTATCACAGGATAGGGCGGAGGC
 GGATGGCTGATTGGTGTGCTGTGACCTGATGTCCCTCCCTTGCCTTCTTCTTCTGTGCTGTTCCAT
 GTCCCCAGCCCTTGTCAATTTACTGCCTTTTTTATACTGACAGAAACCAGGTGCCTTCAGAGGCCATCTG
 ATTAATAAACATTTTTTTCTCAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC004828

Insert Size: 1383 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: [BC004828](#), [AAH04828](#)

RefSeq Size: 2071 bp

RefSeq ORF: 1383 bp

Locus ID: 63959

Cytogenetics: 17 B3- C

Gene Summary: Mediates both influx and efflux of nucleosides across the membrane (equilibrative transporter). It is sensitive (ES) to low concentrations of the inhibitor nitrobenzylmercaptapurine riboside (NBMPR) and is sodium-independent. It has a higher affinity for adenosine. Resistant to dipyridamole and dilazep inhibition (anticancer chemotherapeutics drugs).[UniProtKB/Swiss-Prot Function]