

Product datasheet for **MC200560**

Slc29a1 (NM_022880) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc29a1 (NM_022880) 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)



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Fully Sequenced ORF: >BC006812 sequence for NM_022880
 GAGAAAGGCCAGGGCAGTGTGGAAGCAGAGCCAGACAGGGCTCGATATTCCTTTACCCCCAGCAAGAGC
 CAGAGGGAGGGAGCTGCCAGCCAGGCACAGCCGAGAACACTGGAGCCATGACAACCAGTCACCAGCCTCA
 GGACAGGTATAAGGCAGTATGGCTTATCTTCTTTGTGCTGGGCCTGGGGACACTGCTCCCCTGGAATTTT
 TTTATGACCGCAACCAAGTATTTACAAACCGCCTGGACGTGTCCAGAATGTGTCTCGGACACTGATC
 AATCATGCGAAAGCACCAAGGCCTTGGCTGACCCACAGTGGCCTTGGCAGCCGGAGTTCTCAGTGC
 CATCTTCAACAATGTCATGACCCTGTGCCATGCTGCCCTTGGTGGTCTTACCTGCCTCAACTCGTTT
 CTGCATCAGCGGATCTCTCAATCTGTTCCGATCTTGGGCAGCCTTGGCAATCCTGCTGGTATTCCCTTG
 TCACTGCCGCCCTGGTGAAGGTGGAGATGGATGCTCTGATCTTCTTTGTATCACCATGATCAAGATTGT
 GCTCATCAATTCATTTGGTGCCATTTTGAAGCCAGCCTTTTGGTCTGGCAGGTGCTCTGCCAGCCAAC
 TACACAGCCCCATCATGAGTGGCCAGGCCTGGCTGGCTTCTTACCTCTGTGCCATGATCTGTGCCA
 TTGCCAGTGGTTCTGAGCTGTCAAAGCGCCTTTGGCTACTTCATCACAGCCTGTGCAGTTGTCATTTT
 GGCCATCTGTGCTACCTGGCTCTGCCTCGACGGAATTCATCGCCATTACCTGCAGCTCAACCTTGGC
 GGGCCTGCAGAGCAGGAGACCAAGTTGGATCTCATAAGAGAGGAGCCAAAAGGAAGAAGAGAGGAATCTG
 GGGTGCCAGGCCCAACTCTCCACCCACCAACAGAAACAGTCTATCAAAGCCATACTTAAGAGTATCTG
 TGTCGCCGCTCTGTCTGTCTGCTTTCATCTTACCGTTACCATTGGGTTGTTCCCTGCTGTGACTGCTGAG
 GTGGAATCCAGCATCGCAGGCACAAGTCCCTGGAAAAGCTACTTCATTCCCGTGGCCTGTTTCTGAATT
 TCAATGTCTTTGACTGGCTAGGCCGGAGCCTCACTGCTGTCTGCATGTGGCCTGGCCAGGATAGCCGCTG
 GCTGCCGTTTTGGTCCGCTCGAGGATTGTGTTTATCCCTGCTGATGCTCTGCAACGTGAAGGCTCGC
 CACTGCGGCGCGCAGCGGCACCCTTCTGCTTTAAGCATGACGCCTGGTTCATCGCCTTCATGGCTGCC
 TTGCCCTTCTCAATGGCTACCTCGCCAGCCTCTGCATGTGCTTGGGCCCCAAGAAAGTCAAACAGCTGA
 GGCGGAGACAGCAGGAAACATCATGTCTTCTTCTGTGCTGGGCTGGCTCTGGGAGCTGTGTGTCC
 TTCTTGTAAAGGGCACTGTGTGACCCTGTGGGACAGAAGAATACTACACTGCCTTCTTCTGCTCACTTC
 CTCCCTGCCAGGACGAGCAGGGTTCGAGAGGGGCTGTTCTTCTAGCTGACTTCTGCTTCCCTCGGAC
 TGTGCTTCGCCAGCTGTCCAGGAGCCAGCGATGGCCTGCGGGTGGACTTGAATTACAGGTGAGAAATGG
 CAAGGGCTCAATGGCCTCTGACTGACAGCTCCGACTGATGCCCGTTACTCCAAGCACAAGAGACTCCAG
 GGCCAAGAGAGATCTGTCCGCTGCCTATCACAGGATAGGGCGGAGGGGATGGCTGATTGGTGTGCTGT
 GACCTGATGTCCCTCCCCTTGCCTTCTTCTTCTGTGCTGTTCCATGTCCCCAGCCCTGTGATTTTA
 CTGCCCTTTTTTAACTGACAGAAACCAGGTGCCTTCAGAGGCCATCTGATTAATAAACATTTTTTTTCT
 CCATAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_022880

Insert Size: 1377 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: [BC006812](#), [AAH06812](#)

RefSeq Size: 1979 bp

RefSeq ORF: 1377 bp

Locus ID: 63959

UniProt ID: [Q9JIM1](#)

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]
Transcript Variant: This variant (2) differs in the 5' UTR and uses an alternate in-frame splice site in the coding region, compared to variant 1. It encodes an isoform (2) that is two amino acids shorter than isoform 1. Variants 2, 4, and 5 encode the same protein.