

Product datasheet for **MC201904**

Slc28a2 (NM_172980) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc28a2 (NM_172980) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc28a2
Synonyms:	2010208B10Rik; B430217P18; BB152493; Cnt2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC055376 sequence for NM_172980
AAGAGGTAATCCCTTGCTGCAGCTGTGCATCCTCACTGACATCAGACTCCAGTGTCTCCGGGATCCAGTG
GACATTGAAGATCGGTAGCTCTCCAGGAGTCTTCAAAGCACCAGGTTTGGAAAGTCTGAGGCTTCTGGCT
TTGTAACCTGAACAGCTCCCAGGTTCCAGCCATTGTTGGACTGGGCTGTGTGGACCCATCCAGCACACTG
TGATAACAAGATATGGAGAAGTCAAAGGGAAGAAAAGTCTGTTTCCAGGCCACAGTGGAGAATTGCATGG
AGAACCCAGGCCCTGGAATCATGGAAGGCGGAAATCTTGAGCAAAGATACACACAGGAGGAAGTGACACA
GGGACACAGCCTGGAGGATGGCTTGGGGCATTCCCTCTCTTTGGAGCAGGAGGGTTTTTCAGCCTTTACG
AAGGCGAGAAGTTTCTTTGAAAGACATGCTGGTTTATTACAGAAAGATCCTGCTTGGTCTCTTGTGTTAG
CTTATGCTGCCTACTTCCTGGCAGCGTGCATCCTGAACTTCCAGAGGGCCTGGCCTTGTGTGCATCAC
CTGTCTTGTGATCTTCATCCTGGCTTGCCATTTCTGAAAAAATCTTTCTAAAGAACAATAAGATGC
TTGAAGCCTCTGGAACACCCACCTGAATCTTTGGGCAAAGCGGGTGTTCGTAGGACTCTCTGTTGTTG
GCCTCATCCTCTGGCTGGCTCTCGACACAGCTCAAAGACCAGAGCAGCTGATCTCCTTTCAGGAATCTG
TATGTTATCCTCATCCTCTTTGCCTGCTCCAACACCACAGTGCAGTGTGCTGGAGGACGGTGTGTTGG
GGCCTGGCCTTCAGTTCATCTTTGGAATTTGGTCATCAGAAGTGAACCTGGATTTAATGCATTTCAAT
GGCTGGGAGATCAGATCCAGATTTTCTGGCTTATACTGTGGAAGGATCCAGTTTTGCTTTTGGTGATAC
ACTGGTCCAAAATGTTTTGCTTTTCAGTCTCTGCCAATCATTATTTCTCGGATGTGTGATGTCTATT
CTTTACTACCTGGGCTTGTGCAGTGGGTGATTCAGAAGTTGCCTGGTCCCAGCAATACCATGGGTA
CCACTGCTGCAGAGACCTGGCCGTGGCAGGAAACATCTTTGTGGGGATGACAGAGGCGCCTCTGCTCAT
CCGTCCCTACCTTGACAGACATGACCATCTCTGAAATCCATGCAGTCACTGGAGGCTTTGCTACCATA
GCAGGCACAGTGTGGGAGCCTTCATATCCTTTGGGATTGATGCATCATCCTTGATTTCTGCCTCAGTGA
TGGCTGCCCTTGTGCACTTGCCTTGTCCAAACTGGTATATCCAGAAGTCAAGAGTCAAGTTCAGAG
CAAGGAGGACTGAAGCTGCCTCGAGGGGAAGAGGAATATCCTGGAAGCTCAAGCAATGGAGCCACA
GATGCCATAAGCCTTGTGCTAATGTTGCAGCCAACTGATTGCCTTTCTGGCTGTATTGGCCTTCATCA
ATGCTACCCTCTCTTGGCTGGGGAAATGGTGGATATCCATGGACTCAGTTTTCCAGGTCATCTGCTCCTA
TGTCTAAGGCCATGGTTTTCATGATGGGTGTACAGTGGCAGACTGCCCACTGGTGGCTGAGATAGTG
GGAGTCAAGTTCTTCATAAATGAATTTGTGGCCTACCAGCAACTGTCTCAGTACAAGAACAACGCTCTCT
CTGGAGTAGAAGAGTGGATCAATGGCGAGAAACAGTGGATTTCTGTGAAAGCTGAAATCATTACAACATT
TTCCCTCTGTGGATTTGCCAATCTTAGTTCCATAGGAATCACACTGGGAGGCTTGACATCCATGATACCC
CAGAGGAAGAGTACTTGTGCAAGATTGGTTCAGGGCCCTTTCACAGGTGCCTGTGTTTCTTTATCA
GTGCTGCATGGCAGGAATCCTCTATGTTCCAGAGGCGCTGAAACTGACTGTGTCTCATTCTAAACAC
AAATTTACCAATAGAACCTATGAGACATATGTGTGCTGCAGAGAGCTTTTCCAGAGTACTTCGCTGAAT
GGCACCACATGCCTTCTTCTCAGGCCCTGGCAAGACAATGTGTCCAGCCTCAGGAATCTTGCTAGCT
GCTGTGACCTCTATACCAGCACTGTGTGTGCATGAGGCTGGTGGGCGCTCCAAGACAGTTCTCATAGAA
CAGATTCATATTACCAAATACATTTTTCATGTAATCTCTATTCTCTGAGAACCCCACTAACTCCACAAAAG
TGAAATTTCTGAGCTCACTATAGCTCTGTATAAAAATCAGCCCTTACCTTTCCAGCGCATGACATGAAA
TTCCGGTTACCAGACATGAAATTCATTATAGACCTCTTGAGCCAAAGTATGGTGGGCATGTAACAGG
AGAAAATATGTGTGTGGTGGGCTAAGATCCAGGTTCAACCCCGGGCCTGGCCAGAGTGGGGAGAGTG
GGGAAATCAAAGTAGATGCTTAGTTTTAACTTGGGAATGGTGGCAAAACCCGTTGCTCTTACCTGTAGG
CTCACAGCTAAGGGGATTACCTCAGATTCAGGCAAGCCTGGCCCAACATGACATGTCCTAGTGTAGGA
GTGGATGTGAGGGGAGATATTTTTAAAGTTATATTGAAACATGTGTGAATTTAAAGACACACATTCTTTT
TGTATTGCCAAAGACTTATAAACACAAGAGCTCTTTTATTTTATAAAGAAATAAAATGATTCCTGTA AAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_172980

Insert Size: 1983 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>BC055376</u> , <u>AAH55376</u>
RefSeq Size:	2815 bp
RefSeq ORF:	1983 bp
Locus ID:	269346
UniProt ID:	<u>O88627</u>
Cytogenetics:	2 E5
Gene Summary:	<p>Sodium-dependent and purine-selective. Exhibits the transport characteristics of the nucleoside transport system cif or N1 subtype (N1/cif) (selective for purine nucleosides and uridine) (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 both encode the same protein.</p>