

Product datasheet for **MC203153**

Slc22a12 (NM_009203) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc22a12 (NM_009203) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc22a12
Synonyms:	AI987855; OAT4L; Rst; Slc22a2; URAT1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC035927
 CTCTGCTGTGTCACTGAGAGGTTCCCATGGCCTCCAGATTACCACAGAGGGTTCCAGGTCTCATGGTGAC
 AGCCAGCAGGCAGATACACAAGACCTTGACTGGCTGTGACTCAGCAACATGGCTGTGTGACATGCATAT
 GAAGAGACTGGTGTGGTCAGAGCCAAGGGGAAAGCAGGCTCATCACAAGACCCCGTGGTCTGGGCCAG
 CCTCTGTGAAGTGAAGTGCCTGGTGGTACCCAGGAGAAACCCATGGCCTTTCTGAACCTCTGGACCG
 AGTGGGGGGCTGGCAGGTTCCAGCTCTCCAGACGGTGGCTCTGGTGACCCCAATTTTGTGGGTCAAC
 ACCCAGAACATGCTGGAGAATTCTCAGCCGACGTTCCCACCACCGCTGTTGGGTGCCTCTCTGGACA
 ACAGCACCTCCCAGGCGAGTATCCCTGGGGACCTTGACCCGATGTTCTTCTGGCCGTCTCCATCCCACC
 TGGTCTGACCAGCAACCCACCAGTGCCTCCGCTTCCGACAACCTCAATGGCAGCTTACAGAGTCCAAC
 GCCACGGCCACCAACTGGAGTGACGCTGCCACTGAGCCATGCGAGGATGGCTGGGTTTACGACCATAGCA
 CCTTCAGGTCCACAATCGTGACCACGTGGGACCTGGTATGTAACCTCCAGGCCCTGAGACCCATGGCCCA
 GTCCATCTTCTGGCTGGAATCTGGTAGGAGCCGAGTGTGGCCATGCCTCAGATAGGTTTGGGCGC
 AGAAGGGTGTGACCTGGAGCTATCTTCTGGTGTCCGTGTCCGGCACAGCAGCTGCCTTCATGCCACCT
 TCCCCCTACTGCTGTTTCGTTTCTGCTGGCCTCTGCAGTGGCAGGTGCATGATGAACACAGCCAG
 TCTCTTGATGGAGTGACATCAGCCAGGGTAGCCCTTTGGTGTGACCTTGAACGCCTTGGGCTTCAAG
 TTTGGGCAGGTCCTGACAGGTTCTGTGGCTATGGTGTGCGCAGCTGGAGGATGTACAGCTGGGCTCT
 CTGCCCTTCTTCTCTTCTTTGTTTATTCATGGTGGCTACCAGAATCGGCACGCTGGCTCATCACGGT
 GGGCAAGCTGGACCAGGGCTGCAGGAACACAGAGGGTGTGCTGTAACAGGAGGAAGGCAGAGGGA
 GACACGTTGACCATGGAGGTGCTGCGGTGAGCTATGGAGGAGGAACCAAGCAGGGACAAAGCTGGTGCCA
 GTCTGGGCACTACTCCACACACCTGGGCTGCGCCACCAGCAACATCTCCATGCTGTGCTGGTTTGC
 CTTTGGCTTACCTTCTACGGCTGGCCCTTGACCTGCAAGCCCTAGGAAGCAATATCTTCTGCTCCAG
 GCACTCATCGGGATTGTGGACTTCCCGTGAAGACAGGCAGCCTGCTGCTGATCAGCCGCTTGGCCCGC
 GATGGGGTCTTCTGCTCGGCCCTGGCTGTGCTGGGGCTGGGCTGCCTGGGGGGCCCTTACCTGCATC
 ACCATCTTCTCCAGTGAGCTCTTCCCACTGTGATCAGGATGACTGCAAGTGGGCTCTGCCAGGTGGCAG
 CCCGAGGGGAGCCATGCTAGGGCCTTTGGTACGGCTGCTGGGTGTCTATGGCTCCTGGATGCCCTGCT
 GGTGTATGGAGTGGTCCAGTGTAAAGTGGCTAGCTGCACTGCTGCTGCCTGAGACCAAGAAGTACCA
 CTGCTGACACCATCCAAGACATCCAGAAACAGTCAGTGAAGAAGGTAACACATGACACACCAGATGGCT
 CCATCCTGATGTCTACCCGGCTGTAGTTGCTGGAGAAGGAACACAGCCACAATAAGAGGAGGAGGAAGA
 AGAGGAGGAGGAGGAAGAGGAGAAGG
 AGG
 AAGGGCAGGGCTGGCAGCGCGGTAAAGACACCTGCCTCCGGGCTAAATTTCTGAAACTCATGTGACA
 ACAGACTTCACAAAGTTGCTCTGAGCTCCGCATGGACACATACCCGCCCCCGGTGATACACACAATA
 AATAATTTTTAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_009203

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: [BC035927](#), [AAH35927](#)

RefSeq Size: 2265 bp

RefSeq ORF: 1662 bp

Locus ID: 20521

UniProt ID: [Q8CFZ5](#)

Cytogenetics: 19 A

Gene Summary: Required for efficient urate re-absorption in the kidney. Regulates blood urate levels. Mediates saturable urate uptake by facilitating the exchange of urate against organic anions or chloride ions.[UniProtKB/Swiss-Prot Function]