

Product datasheet for **MC201076**

Slc22a7 (BC013474) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc22a7 (BC013474) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc22a7
Synonyms:	MGC18877, NLT, OAT2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC013474
 GCACATGTAGCAAGCAGGTTGACCGATCCTAGGTAATATAGAGGCACACCTGGTGGGTGGAGGGCATGGG
 CTTGCAAGAGCTGCTGCACAAGGTGGGTGGCTTTGGGCCTTTCCAACCTGCGGAATCTGGTGTCTGGCC
 CTGCCCGATTCTGCTCCCGATGCATTTTCTCCTGCCCATCTTCATGGCTGCTGTGCCTGCCCATCATT
 GTGCCCTGCCTGATGCCCCAGCCAACCTCAGTCACCAGGACTTGTGGTGAAAACCCATCTACCCGGGA
 GACTGACGGCAGCTTTAGTTCTGCCTCCGCTTTGCCTATCCCCAGGCTTCCCAATGTCACCTTGGGA
 ACAGAGGTGTACAACCTGGGGAGCCTGAGGGTGAGCCCTCACAGTGCCCTGCTCCCAGGGCTGGGAGT
 ACGACCGCTCAGAATTCTTCCACCATTGCAACTGAGTGGGATCTGGTGTGTGAGCAGAGAGCCCTGAA
 CAAAGTTACATCCACGTCTTCTTCATCGGCGTCTGCTGGGGGCTGTGGTGTACGGATACTTGTCTGAC
 AGGTTTGGCCGCGCCGGCTTCTGCTGGTGGCCTACGTGAGCACCTGGCGCTGGGCTGATGTCTGCAG
 CCTCGGTCAACTACATCATGTTTGTACCACCCGCATGCTCACCGGCTCAGCCCTGGCTGGTTTTACCAT
 CATTGTACTTCCGTTGGAGTTAGAGTGGCTGGATGTGGAGCACCGCACTGTGGCTGGGGTCATCAGCACC
 ACCTTCTGGACAGGAGGGGTGCTGCTGCTGACCCTGGTTGGGTACCTGATACGGAGCTGGCGGTGGCTTC
 TGCTAGCTGCCACTCTGCCATGTGTCCCGGCATCATTAGCATCTGGTGGGTACCTGAGTCTGCACGATG
 GCTTCTAACCCAGGGTCGTGTGGAGGAGGCAAAAAGTACCTGTCCATCTGTGCCAAGCTCAATGGGCGG
 CCCATAAGTGAGGACAGCCTGAGCCAGGAGGCTCTGAACAAAGTATCACCATGGAAGGGTGTCCGAAA
 GACCCTCGTACTTAGACCTGTTCCGGACATCGCAGCTCCGACACGTCTCACTGTGCTGCATGATGATGTG
 GTTTGGAGTGAACTTTTCTACTACGGCCTGACTCTGGACCGCTCCGGGCTGGGGCTGACCGTGTACCAG
 ACACAGCTGCTGTTCCGGGCTGTGGAGGTGCCTTCCAAAATTACGGTCTTCTTCTTGTGCGCTCTCGTGG
 GACGCCGCTCACAGAGGCTGGGATGCTGCTGGCCACTGCTCTGACCTTCCGCATCAGCCTGCTGGTGTG
 CTCGGACACCAAGTCTTGGATCACTGCTCTGGTGGTGTAGGGAAAGCTTTTCTGAAGCAGCCTTACT
 ACAGCCTACCTGTTACAGTCTGAGTTGTACCCTACTGTGCTCAGACAGACAGGAATGGGATTCACTGCAC
 TCATAGGCCGGCTAGGGGCTCTCTGGCCCCACTGGTGGTCTTGGTGGATGGAGTGTGGCTGTTACTGCC
 CAAACTTGCTTATGGGGGATTTCTTTCCTGGCTGCCTGCACTGTACTCCTGCTGCTGAGACGAAGAAA
 GCACAGCTGCCAGAGACCATCCAGGACGTGAAAAGAAAGGGGAGGAAGATAGACAGATCCGGGACTGAAT
 TAGCCTAGGGACAGCTACCAAGTAGCTGGAAATAGAAGGCAGGCTCTTGTGACTGGGACATCAAATTC
 TCTGCCTAAGGATGGAGCTGCTACTGGTGTGCTGCCTGTGTTATCCAGTCTCCAAAAACAGGACAAC
 TCCTGCAGCACTGGGCTGTTGGGGATCCTGGGCACCCCTCTCATGGTGGCGGTGGGTGGGGGACTTCTGT
 AAATAAAGATAGATGCTCATGAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC013474

Insert Size: 1623 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: [BC013474](#), [AAH13474](#)

RefSeq Size: 1927 bp

RefSeq ORF: 1623 bp

Locus ID: 108114

Cytogenetics: 17 C

Gene Summary: Mediates sodium-independent multispecific organic anion transport. High affinity transport of glutarate and prostaglandin E2 in a sodium-independent manner. Mediates also the uptake of alpha-ketoglutarate, p-aminohippuric acid, methotrexate, ochratoxin A, valproate, allopurinol and bumetanide.[UniProtKB/Swiss-Prot Function]