

Product datasheet for **MC204182**

Slc22a7 (NM_144856) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Slc22a7 (NM_144856) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Slc22a7 |
| Synonyms: | 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: >BC026597
 CGATCCTAGTACTATAGAGGCACACCTGGTGGGTGGAGGGCATGGGCTTCGAAGAGCTGCTGCACAAGG
 TGGGTGGCTTTGGGCCTTCCAACCTGCGGAATCTGGTGTCTGGCCCTGCCCGATTCTGCTCCCGAT
 GCATTTTCTCCTGCCATCTTATGGCTGTGTGCTGCCATCATTGTGCCCTGCCTGATGCCCGAGCC
 AACCTCAGTCACCAGGACTTGTGGCTGAAAACCCATCTACCCGGGAGACTGACGGCAGCTTTAGTTCCT
 GCCTCCGCTTTGCCTATCCCCAGGCTCTTCCCAATGTCACCTTGGGAACAGAGGTGTACAACCTTGGGA
 GCCTGAGGGTGAGCCCCACAGTGGCTGCCCTGCCAGGGCTGGGAGTACGACCCGTCAGAATTCTCTCC
 ACCATTGCAACTGAGTGGGATCTGGTGTGTGAGCAGAGAGGCCTGAACAAAGTTACATCCACGTGCTTCT
 TCATCGGCGTGCTGCTGGGGCTGTGGTGTACGGATACTTGTCTGACAGGTTTGGCCGGCCGGCTTCT
 GCTGGTGGCTACGTGAGCACCTGGCGCTGGGCTGATGTCTGCAGCCTCGGTCAACTACATCATGTTT
 GTCACCACCCGCATGCTCACCAGCTCAGCCCTGGCTGGTTTTACCATCATTGTACTTCCGTTGGAGTTAG
 AGTGGCTGGATGTGGAGCACCGCACTGTGGCTGGGGTTCATCAGCACACCTTCTGGACAGGAGGGGTGCT
 GCTGTGACCCTGGTTGGGTACCTGATACGGAGCTGGCGGTGGCTTCTGTAGCTGCCACTCTGCCATGT
 GTCCCGGCATCATTAGCATCTGGTGGTACCTGAGTCTGCACGATGGCTTCTAACCCAGGGTCGTGTGG
 AGGAGGCAAAAAAGTACCTGTCCATCTGTGCCAAGCTCAATGGGGGGCCATAAGTGAGGACAGCCTGAG
 CCAGGAGGCTCTGAACAAAGTGATACCATGGAAGGGTGTGCGAAAGACCTCGTACTTAGACCTGTTCC
 CGGACATCGCAGCTCCGACACGTCTCACTGTGCTGCATGATGATGTGGTTGGAGTGAACTTTTCTTACT
 ACGGCCTGACTCTGGACGCTCCGGGCTGGGGTACCCTGTACCAGACACAGCTGCTGTTCCGGGCTGT
 GGAGGTGCCTTCCAAAATTACGGTCTTCTTCTTGTGCGTCTCGTGGGACGCCGCTCACAGAGGCTGGG
 ATGCTGTGGCCACTGCTCTGACCTTCCGCATCAGCCTGCTGGTGTCTCGGACACCAAGCTTGGATCA
 CTGCTCTGGTGGTATAGGAAAGCTTTTTCTGAAGCAGCCTTTACTACAGCCTACCTGTTACAGTCTGA
 GTTGTACCCTACTGTGCTCAGACAGACAGGAATGGGATCACTGCACTCATAGGCCGGCTAGGGGCTCT
 CTGGCCCACTGGTGGTCTTGTGGATGGAGTGGCTTACTGCCCAAACCTTGTCTTGGGGGATTT
 CTTTCTGGCTGCTGCACTGTACTCTGCTGCCCTGAGACGAAGAAAGCACAGCTGCCAGAGACCATCCA
 GGACGTGAAAGAAAGGGGAGGAAGATAGACAGATCCGGGACTGAATTAGCCTAGGGACAGCTCACCAAG
 TAGCTGAAATAGAAGGCAGGCTCTTGTGACTGGGACATCAAATCCTCTGCCTAAGGATGGAGCTGCTA
 CTGGTGTGTCTGCTGTGTTTACCAGTCTCCAAAACAGGACAACCTCTGCAGCACTGGGCTGTTGGG
 GATCCTGGGCACCCCTCATGGTGGCGTGGTGGGGGACTTCTGTAATAAAGATAGATGCTCATGGG
 TTGGGACAGCTGTGCCATTTGGGAAGTCATTGACTTGATCCTCAGCTCTGATTCCAGCTGTGCCACAGT GAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_144856

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: [BC026597](#), [AAH26597](#)

RefSeq Size: 1976 bp

RefSeq ORF: 1623 bp

Locus ID: 108114

UniProt ID: [Q91WU2](#)

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]