

## Product datasheet for **MC204636**

### Slc22a20 (NM\_198650) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Slc22a20 (NM_198650) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc22a20
Synonyms:	Gm963; mOAT6; OAT1-L
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC046588  
 GCCATGGCCTTCACAGACCTGCTGGATGCCCTGGGAGGCGTGGGTGCGCTTCCAGCTTGTCTATACAGCCT  
 TGCTGCTGCTGCCCTGTGGGCTGCTGGCTTGCATACCTTCTACAGAACTTACGGGCTGCTGCACCCCC  
 TCACCACTGCCAACATCTGCCAACTACACAGAACCTACCACCAATGTCTCAGGGGTCTGGCTGAGGGCT  
 GCCATACCCTGAACCAGCATGGGGACCCGAGCCGTGCCGGCGTATGTAGAACCTCAGTGGGCCCTTC  
 TGA AACCAACGCCTCTCCCATGGGGTGGCCACCGAGGGTGC AAGGATGGTTGGGTCTACGACCGAAG  
 CATTTTCCCATCTACCATTGTGATGGAGTGGACCTGGTGTGTGAGGCCCGCACCTTCGTGACCTGGCT  
 CAGTCCATCTACATGTCCGGGTGTTGGTGGGAGCCGCCTTGTGGTGGTCTTGCTGACAGGTTGGGTC  
 GCAAGGCCCACTGGTGTGGTCTGACCTGCAGCTGGCAGTTTCGGGGGCTGCCACAGCGTATGTGGGCTC  
 CTTCAGTGCCTACTGCGTCTTCCGCTTCTGATGGGCATGACCTTCTCCGGCATCATCTTAACTCCCTC  
 TCCCTGGTGTAGAAATGGATGCCAACAGAGGCCGTACAGTAGCAGGCATCTTGTGGGTTTCTCCTTCA  
 CCTTGGGCCAGCTCATCTGGCTGGCGTGGCATACTGATCCGGCCCTGGCGGTGGCTGCAGTTTGTGT  
 GTCTGCTCCTTTTCTGGTCTTTTCTCTATTCTTGGTGGCTTCCAGAGTCATCCCGATGGCTCCTCCT  
 CACGGCAAGGCCAGCAAGCTGTGCAGAACCTT CAGAAGGTGGCCATGATGAATGCAGGAAGGCCGAAG  
 GGGAGAGGCTGACTACAGAGGTGGTGGCTCCTACATCCAGGATGAGTTTGAAGTGTCCGCACCTCCAA  
 CTCATCTTGGACCTCTTTAGAACCCTGCCATCAGAAGGTCACGTGCTGTCTATGGGGTCTGGTTC  
 TCTAATCTGTGGCTTACTACGGCTGGCCATGGACCTGCAGAAGTTTGGGCTCAGCATCTACCTGGTAC  
 AGGCTCTGTTGGGATCATCGATATCCCGCCATGCTGGTGCACCACCACGATGATTTATGTGGGACG  
 ACGGGCCACAGTGTCTCTTCTCATACTAGCTGGGCTCATGGTCATTGCCAACATGTTTATGCCTGAG  
 GATCTGCAGACCTTGGGACAGTGCAGGCAGCGCTGGGCAAAAGGCTGCCTGGCCAGCTCCTTCACTGCG  
 TGTATCTGTTACGGGAGAACTATCCACAGAGATCAGGCAGATGGGGATGGGATTTGCTTCTGTCAA  
 TGCCCGCTCGGAGGCTTGGTGGCACCCCTGATCACCACCCTTGGCGAGATCAGTCCAGTTCTGCCACCT  
 GTATCCTTTGGTGCCACTTCAGTCTTGGCTGGAATGGCTGTGCGCTGCTTCTGACTGAGACCCGCAATG  
 TGCCACTGGTAGAACTATTGCTGCAATGGAGAGACGAGTCAAACAAGGCCGTTCCAAAAGAGACACAGA  
 ACAGAAGAGTGAAGAAATTTCTTCTCAGCAGCTGGGGGCTTACCCTCAAAGAAACCTTTAAGTTGTC  
 AGGACCTGACGCTGAGCTCAGCCTGTGCTAGGAGGGAGTGTCCAAGTCTGCTAGGAGATCCTGGTGCA  
 GAACTCCATGCAAAGCCAGAGGGCATCGTGGACTTTGCTGGGAGCCACACCCAAAGCCAAAGCAGAAAGC  
 TCAGGAAGGGGAAGTATCCTCCAGGGACCAAGGAGATCATGTTGTCCACTGCAATAAAAGCACTACTGT  
 CCAGGGCAAA  
 AAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_198650

**Insert Size:** 1671 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: [BC046588](#), [AAH46588](#)

RefSeq Size: 2010 bp

RefSeq ORF: 1671 bp

Locus ID: 381203

UniProt ID: [Q80UJ1](#)

Cytogenetics: 19 A

**Gene Summary:** Organic anion transporter that mediates the uptake of estrone sulfate. Inhibited by probenecid, propionate, 2-methylbutyrate, 3-methylbutyrate, benzoate, heptanoate and 2-ethylhexanoate. May act as an odorant transporter.[UniProtKB/Swiss-Prot Function]