

Product datasheet for **MC220336**

Slco1a4 (NM_030687) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slco1a4 (NM_030687) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slco1a4
Synonyms:	A1785519; Oatp1a4; Oatp2; Slc21a5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_030687, the custom clone sequence may differ by one or more nucleotides

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ATGGGAAAATCTGAGAAAGAGGTTGCAACCCATGGGGTCAGATGCTTTTCCAAGATCAAGGCATTTCTGT
TGGCATTAAACATGTGCATATGTATCCAAATCACTATCAGGAACCTACATGAATCCATGCTCACTCAAAT
AGAGAGACAATTCGGTATCCCCACGTCTGTAGTTGGGCTTATCAATGGGAGCTTTGAGATAGGAAATCTT
CTGTTGATTATATTCGTGAGTTACTTCGGAACAAAACCTGCACAGGCCATCATGATTGGTGTAGGATGTG
CAGTTATGGGCCTGGGGTGTTCCTAATATCGATACCTCATTTCCTCATGGGCAGATATGAATATGAAAC
AACAAATTTTACCTACAAGCAACTGTCCTCAAATAGCTTTGTGTGTACGGAAAACAGAACACAGACCTTA
AAGCCAACGCAAGACCCAACAGAGTGTGTGAAAGAAATGAAATCATTAAATGTGGATATATGTACTGGTAG
GAAACATTATACGTGGAATGGGTGAAACTCCCATCATGCCCTGGGTATTTCTACATAGAAGATTTTGC
AAAATCTGAAAACCTCCTTTTATATATTGGGATTTTAGAAACAGGAATGACCATTGGCCCTTTGATTGGA
CTTCTGTTGGGATCTTCTGTGCAAACATTTATGTAGACACTGGGTCTGTGAATACAGATGACCTGACCA
TAACTCCCCTGATACACGCTGGGTGGTCTTGGTGGATTGGCTTTTTGGTCTGTGCAGGAGTGAATAT
CCTGACCAGCATCCCCTTTTCTCTTTCCAAAACACTCCTAAAGGAAGGATTACAGGATAATGGAGAT
GGAAGTAAAAATGCCAAAGAGGAGAAGCACAGAGAAAAAATCAAGGAGGAAAACCGAGGAATCACTAAAG
ATTTCTTTCTGTTTCATGAAGAGCCTCTCCTGCAATCCGATTTACATGATTTTCATCCTTATAAGTGTGAT
CCAGGTCAATGCCTTTATCAATTCATTTACCTTCATGCCTAAGTATCTGGAACAGCAATATGGAAAAATCC
ACTGCTGAGATAGTCTTCTCATGGGTCTTTACATGTTACCTCCAATATGCCTCGGATATTTAATTTGGTG
GTTTGATTATGAAGAAGTTCAAGACTGTCAAGAAAGCTGCATACATAGGATTTCTGGCTATCCCTGAC
TGAGTACCTTCTGTCTTTTGTAGCTATATAATGACCTGTGACAAATTTCCAGTTGCTGGATTAACCACC
TCTTATGAAGGAGTTCAGCACCTCTATATGTGGAGAATAATGTCCTTGCTGACTGCAACACAAAGTGA
GCTGCTTAACGAACACATGGGACCCAGTGTGGGAGACAATGGTCTATCATAACATGTCAGCTTGCCTCGC
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TCTAAGAGGAGCAAGCTTCTCCTGCACTCTTATCCTAATCCTTATGAGGAAATCCAATTCCTGGG
GACATCGACTCTTCAGACACAGATCCTGCAGAAATGAAGCTCACTGCGAAGGAAAACGAAGTGCACAAATG
TGCACAGAAGTCTACGATGCAGAATGATGGAGAACGGAAAACCTAAGCTGTGA
    
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Chromatograms: https://cdn.origene.com/chromatograms/ja2172_c03.zip

Restriction Sites: SgfI-MluI

ACCN: NM_030687

Insert Size: 2013 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: [NM_030687.1](#), [NP_109612.1](#)

RefSeq Size: 3847 bp

RefSeq ORF: 2013 bp

Locus ID: 28250

UniProt ID: [Q9EP96](#)

Cytogenetics: 6 G2

Gene Summary: Mediates the Na(+)-independent transport of organic anions such as taurocholate, cholate, 17-beta-glucuronosyl estradiol, estrone-3-sulfate, the cardiac glycosides ouabain and digoxin and thyroid hormones.[UniProtKB/Swiss-Prot Function]