

Product datasheet for **MR230837**

Slco1a5 (NM_001267707) Mouse Tagged ORF Clone

Product data:

| | |
|--------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Slco1a5 (NM_001267707) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Slco1a5 |
| Synonyms: | Oatp-3; Oatp3; Slc21a7 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



[View online »](#)

ORF Nucleotide
Sequence:

>MR230837 representing NM_001267707
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGGAGAAACAGAGAAAAGGATTGCAACCCATGGGGTCAGATGCTTTTCTAAGATCAAGATGTTTCTGT
 TGGCATTAAACATGTGCATATGTATCCAAATCACTCTCAGGAATTTATATGAATTCATGCTTACACAAAT
 AGAGAGACAATTCGATATCCCCACATCTATAGTTGGACTTATCAATGGGAGCTTTGAGATTGAAAATCTT
 TTGTTGATTATACTCGTGAGTTACTTTGGAACAAAATTGCACAGACCTATCATGATTGGTATTGGATGTG
 TGATTATGGGCCTAGGGTGTTCCTTAATGTCTTACCTCATTTCCTCATGGGCCGATACGAATATGAAAC
 AACGATTTACCTACAAGCAACTGTCCTCAAACAGCTTCTTGTGTATGGAAAACAGAACACAGACCTTA
 AAGCCAACGCAAGACCCTGCAGAGTGTGTGAAAGAAATGAAATCATTAAATGTGGATATATGTACTGGTAG
 GAAACATCATACGTGGAATTGGTAAACTCCCATCATGCCCTGGGTATTTCTACATAGAAGATTTTGC
 CAAATCTGAAAACCTCCTTTATATATTGGGATTTTAGAATCAGGAAAGATGATTGGCCCAATTGTTGGA
 CTTTTGTTGGGATCCTTCTGTGCAAGAATTTATGTAGACACAGGGTCTGTGAATACAGATGACCTGACCA
 TAACTCCCACTGATACACGCTGGGTGCGGTGCTTGGTGGATTGGCTTTTTGGTCTGTGCAGGAGTGAATAT
 CCTGACCAGCATCCCCTTTTCTTTTCCAAAAACACTCCCAAAGGAAGGATTACAGGATAATGTGGAT
 AGAACTGAAAAAGACAAAGAGGAGAAGCACAGAGAAAAAGCCAAGGAGGAAAACCGAGGAATCACTAAAG
 ATTTCTGCCATTCATGAAGAGCCTCCTCTGCAATCCTATTTACATGCTTCTCATCCTGACAAGTGTGCT
 CCAGATAAACGCATTTATCAATATGTTTACCTTCTTGGCCAAATACCTGGAGCAGCAGTATGGAAAATCC
 ACTTCAGAGGTCGTCTCCTCATAGGTGTTTGAACCTACCTCCAATCTGCATTGGATATTTACTTATTG
 GCTTTATTATGAAGAAGTTCAGGATTACTGTCAAGAAGGCTGCATACATGGCATTCTGCCTATCCCTGTT
 TGAGTACCTTCTGTCTTACTTTCACTTTATGATAAGCTGTGATAATTTCCAAGTTGCTGGCTTAACTACC
 TCTTATGAAGGAGTTCAGCACCTCTATATGTGGAGAACAAGGTCCTTGCTGACTGCAACACAAGGTGTA
 GCTGCTTAAACAAACACATGGGATCCAGTGTGTGGAGACAATGGCCTATCATAACATGTCAGCCTGCCTCGC
 GGGCTGTGAGAAGTCTGTTGGAATGGGAACCCACATGGTGTTCAAAATTGCAGCTGCATTACAGTCATCA
 GAAACTCATCTGCAGTCTGGGCTGTGTAAAAAAGGCCCTGAGTGTGCTAACAAAGCTGCAGTACTTTT
 TAATCATGTCCGTAATTGGCAGTTTCATCTATTCGATCACAGCCATACCTGGGTACATGGTTCTTCTGAG
 GTGTATCAAGTCTGAAGAGAAGTCCCTTGAATTGGATTACACGCATTTTGCACAAGAATATTCGCTGGC
 ATCCCTGCACCCATTTACTTTGGAGCTTTGATAGACAGAACCTGCTTACATTGGGGAACCTGAAATGTG
 GTGAGCCAGGAGCCTGTAGGATGTACAATATAAATAACTTCAGGCGCATTATCTAGTGTTCCTGCAGC
 ACTAAGAGGATCAAGCTATCTCCCTGCATTCTTATTCTGATACTTATGAGGAAATTCAGCTCCCTGGG
 GAAATGTACTCTTCTGAAACTGAACTTGACAGCATGAAGCTCACAGTGAAGAAAAGCGAGTGCACAGATG
 TGCACAGAATTCCTAAGGTCGAGAATGATGGAGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR230837 representing NM_001267707
 Red=Cloning site Green=Tags(s)

MGETEKRIATHGVRCFSKIKMFLALTCAYVSKLSGIYMNSMLTQIERQFDIPTSIVGLINGSFEIGNL
 LLIIILVSYFGTKLHRPIMIGIGCVIMGLGCFMLSLPHFLMGRYEYETTISPTSNLSSNSFLCMENRTQL
 KPTQDPAECVKEMKSLMWIYVLVGNIIIRGIGETPIMPLGISYIEDFAKSENSPLYIGILESGKMIIGPIVG
 LLLGSFCARIYVDTGSVNTDDLITPTDTRWVGAWWIGFLVCAGVNILTSIPFFFFPKTLPKEGLQDNVD
 RTENDKEEKHREKAKEENRGITKDFLPFKSLSCNPIYMLLILTSVLQINAFINMFTFLPKYLEQQYGKS
 TSEVLLIGVCNLPPICIGYLLIGFIMKKFRITVKAAYMAFCLSLFEYLLSYHFHMISCDNFQVAGLTT
 SYEGVQHPLYVENKVLADCNTRCSCLTNTWDPVCGDNGLSYMSACLAGCEKSVGMGTHMVFQNCSCIQSS
 GNSSAVLGLCKKGPECANLQYFLIMSVIGSFIYSITAIPGYMVLRLCIKSEEKSLGIGLHAFCTRIFAG
 IPAPIYFGALIDRTCLHWGTLKCGEPGACRMYNINFRRIYLVLPALRGSSYLPAFFILILMRKFLQPG
 EMYSSETELADMKLTVKKSECTDVHRIPKVENDEGELKTKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

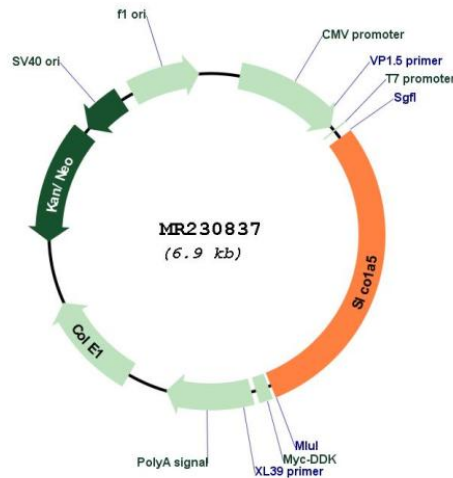
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001267707

ORF Size: 2010 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001267707.1](#), [NP_001254636.1](#)

| | |
|---------------|--|
| RefSeq Size: | 2624 bp |
| RefSeq ORF: | 2013 bp |
| Locus ID: | 108096 |
| UniProt ID: | Q91YY5 |
| Cytogenetics: | 6 G2 |
| MW: | 75.3 kDa |
| Gene Summary: | Mediates the Na(+)-independent transport of organic anions such as taurocholate and thyroid hormones.[UniProtKB/Swiss-Prot Function] |