

Product datasheet for MC201663

Slc51a (NM_145932) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc51a (NM_145932) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc51a
Synonyms:	AV001382; AW261577; D630035O19Rik; Osta; OSTalpha
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC025912 sequence for NM_145932

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TGAGGAGGTAATGAAACAGGCGTGGAGGCTCCGCTTACTGTTTAGCCTTCACCCAGCTCTGAACAAGGCT
CTGAGAGCCTCAATACGGGACAGAAACCTCGCCACCCCTCAGTGGCTGTCCTGCCTGACCTCCTCGTC
CTCAGCGTCTGCCTGAGAGAAAAGAAGGATGGAGCCAGGCAGGACTCATATCAAACCTTGACCCAGGTAC
ACAGCAGAGCTTCTGGAACCTTCTGGAGACCAATTACAGCATCTCCCTGCCTGCTTCTCTCACCCCTCCA
CCGCAGCCAGCTCCTGAGAGCACTGGGCCAGTGGACATAGCCCTCACCATCATCTTGACCTTTCTTAC
CACTGGCTCAGTTGCCATTTTTCTGGAGGATGCTGTTTACCTATACAAGAACCCTTTGCCCATCAAG
AAGAGGACTCTGATCTGGAGTAGCTCTGCACCCACGGTGGTATCTGTGTTCTGCTGCTTTGGTCTCTGGA
TTCCTCGCGCCCTCACACTTGTAGAAATGGCCATAACCTCGTTTTATGCCGTATGCTTTTACCTGCTGAT
GATGGTCATGGTGAAGGCTTTGGTGGGAAGAAAGCAGTACTGAGGACACTGAAGGACACCCCGATGAGG
GTGCACACGGGTCCCTGTTGCTGCTGCTGTCCTGCTGCCACCTCTCATACTTACCAGAAAGAAGCTGC
AGCTGCTCCTGCTGGGCCCTTTCCAGTACGCCTTCTTCAAGATAACGCTGAGCATAGTGGCCTGTTCTCT
CATCCCTGACGGCATCTATGACCCAGGAGAAATTTCTGAGAAGAGCGCAGCTCTCTGGATCAACAATCTC
CTTGCTGTGCTACCCCTTCTGGCCCTCTGGTCCCTGGCCATCCTTTTCCGTCAAGCCAAGATGCATCTGG
GTGAACAGAACATGGGATCCAAGTTTGCTCTGTTCCAGGTGCTTGTCATCCTGACCGCCCTGCAGCCTGC
CATTTTCTCCATCTTGGCTAACAGTGGGCAGATCGCTTGCTCACCTCCCTACTCTTCTAAATCAGGTCT
CAAGTGATGAAGTCCACATGCTCATACTGGAGACCTTCTGATGACAGTGCTGACACGAATGTACTATC
GAAGGAAAGACGACAAGGTTGGGTATGAGGCTTGTTGCTGCCAGACCTGGACTCAGCACTCAAAGCCTG
AGGAGAGTGGCTTGACCCCTGGAAGACATACTGTACTCCTCAGAAGAGCAGGAATTTCTTCTGTCCCTC
AGCCTTATCAGTGGTTAAGGCTCCCCCTGGCAGAGCAGGCTGGCAGCTTCCATGTGACTATAGGGATGAA
GGTAAAGTGCAGTGGGTTGAACCTGTTTTGAGTCTTTCTCGTTTTTGAATAAATGGTGAAAGCTGAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
  
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Restriction Sites:	RsrII-NotI
ACCN:	NM_145932
Insert Size:	1023 bp


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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC025912 , AAH25912
RefSeq Size:	1425 bp
RefSeq ORF:	1023 bp
Locus ID:	106407
UniProt ID:	Q8R000
Cytogenetics:	16 B3
Gene Summary:	Essential component of the Ost-alpha/Ost-beta complex, a heterodimer that acts as the intestinal basolateral transporter responsible for bile acid export from enterocytes into portal blood. Efficiently transports the major species of bile acids.[UniProtKB/Swiss-Prot Function]