

Product datasheet for **MC218646**

Slc22a15 (NM_001039371) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc22a15 (NM_001039371) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc22a15
Synonyms:	2610034P21Rik; 4930477M19; A530052I06Rik; BB219042
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC218646 representing NM_001039371
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGGAGGTGGAGGAGCGTTCCAGGCGGTGGGCGAGATGGGCCTCTATCAGATGTACTTGTGCTTCCTGC
 TGGCTGTGCTGCTGCAGCTTTATGTGGCCACAGAAGCCATCCTCATTGCACTGATTGGAGCTACACCAGC
 ATACCACTGGGACATGGCCGATCTCCTGCCAACCAGAGCCACAGCAACCAGACTTTGGGCAAAGGCCAG
 GCCTTCGGGGACTGGCTGCTGACCGCCAATGGCAGTGAGATCCATAAGCACGTGCATTTACGAACAGTT
 TCACCTCTATTGCCTCTGAGTGGTTTTTAATTGCCAACCGATCTTACAAAGTCAGCGCGGCCAGCTCCTC
 TTTCTTCAGTGGTGTGTTTGGTGTATCTCCTTTGGTCAGCTTTAGATCGATTGGAAGGAGAAAA
 GTCTATCTCACAGTTTTGCTCTTGACATCTTATTGCTGTCGAAATGGATTTTCCCTCATATGAAT
 TCTTTGCAGTAACTCGCTTCTTGGTGGCATGATGAATGGAGGGATGTCCTGGTGGCCTTTGTCTTGCT
 AAATGAGTGCCTGGGACCGCCTACTGGGCACTTGCAGGATCGATTGGTGGTCTCTTCTCGCTGTTGGC
 ATCGCGCAGTATGCCCTATTAGGGTACTTCATCCGCTCCTGGAGGACCCTAGCTGTTCTGGTCAACCTTC
 AGGGAACATTGGTCTTTCTTATCTTTATTTCCTGAATCACCTCGTTGGTTATACTCCAGGGTCG
 GCTGAGTGAGGCGGAAGAGGCTCTGACTTCATTGCCAAGAGGAACCGCAAGCTCAAGTGTACATTCTCA
 CTAAACACACCCGGCCAACAGGAGCTACAGGGCAACTGGAAGCTTCTGGATCTTTTCCGTTACCGGATCC
 TCCTAGGACATACCCTGATCCTGATGTTTCATCTGGTTTGTGTGCAGCTTGGTGTACTACGGCCTCACCT
 GAGTGCAGGTGACCTAGGGGGCAGCATTATGCCAACCTGGCTCTATCTGGCCTCATAGAGATTCATCC
 TACCCTCTCTGCATCTACCTGATTAACCAAGATGGTTTGGTGGGAAAGGACACAGGCGTGTTCAGT
 GCCTTGGAGGACTGGCCTGTCTTATTGTGATGTTTCTTCGGAAAAGAAAGACACAGGCGTGTTCAGT
 GGTC AACAGCCATTCTTGTCCCTGCTGGGGAAGCTGACCATCAGTGCTGCCTTTAACATTGTTTACATC
 TACACCTCTGAGCTGTACCCCACTGTCATCAGAAACGTTGGCCTGGGAGCGTGCTCCATGTTCTCCGAG
 TCGGTGGGATCATTGCCCTTTCGTCCTCCCTGAAGGAAGTACAGTGGTCTCTGCCCTTCATCGTGT
 TGGAGCCACAGGCTGACCTCAGGCTCCTGAGCCTGCTATTGCCAGAGACTCTGAACAGCCCTTTGCTG
 GAGACATTTCTGATCTTCAAATGTACTCATATAGGAGGTTAGGAGAGGAAGCGCTATCTCTACAGACCT
 TGGATCTCCACAGCCCTGGACAAGGTCAGCAGTGAGAGTGAGGAGGAGGAAGATTCTATGATGCAGA
 TGAGGAGACCCAGATGATCAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001039371

Insert Size: 1635 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001039371.2, NP_001034460.2</u>
RefSeq Size:	6641 bp
RefSeq ORF:	1635 bp
Locus ID:	242126
UniProt ID:	<u>Q504N2</u>
Cytogenetics:	3 F2.2
Gene Summary:	Probably transports organic cations. Appears not to be the agmatine transporter. [UniProtKB/Swiss-Prot Function]