

Product datasheet for **MC218874**

Slc22a27 (NM_134256) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc22a27 (NM_134256) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc22a27
Synonyms:	mOAT6-L; mOAT6-S; Oat9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218874 representing NM_134256
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCTTTCAAGAACTCCTGAATCAAGTTGGAAGCCTAGGAAGATTCCAGATCCTTCAGATAGTTTTTC
 TTTTACTCCTCAATGCCATTGTGGTACCTCATATTGCAATGGAGAAGTTACTGCAGCCATTCCCAATCA
 TCGCTGCTGGGTCCCCATCCTTGACAATGACACTGCCTCTGATAATGGCAGTAGGATCCTGAGCCAAAGT
 GACCTCCTGAGGATCTCCATCCCCCTGGATTCCAACCTGAGGCCAGAGAAGTGTGCTGTTTTGCCAAC
 CACAGTGGCATCTTCTCATTGAAATGGCACTTCTCCAATGTGTGAGAGCCAGACACTGAGCCCTGTGT
 GGATGGTTGGGTGTATGACAGGAGCAACTTCTTTCTACCATTGTGACTGAGTGGGACTTGGTATGTGAA
 TCCCAGGCACTGAATTCTGTCACTAAATTTTCATTTCATGATTGGCCTATTTATAGGGGGTATCATATGTG
 GCCATCTGTGACAGGCTTGGGAGGAAGTTCATTTAACATGTGCTTTATTACAATTTGCCATCACTGA
 AACCTGTGTAGCTTTTGGCCCTCCTTCTCATCTACTGCTCACTTCGATTTCCTGGCAGGATTGTCTGTG
 GAACCCATATTAGTAAATAGTCACTTGCCTCATGTTAGAATGGACAAGCCCTAAATTTCTAACCATGATGG
 CAGCGCTTTTATCTTGTGCTCCTAATATTGGATACATGATATCAGCAGGCTGGCTTTTCTATTTAGAAT
 CTGGCATCACCTCCAGCTGACAATGTCTGTGCCAATATCTTCTTCTTATACTCACAAGGTGGCTGTCA
 GAGTCAGCTCGGTGGCTGATTGTGACCAACAAACCCAGAAAGGCTTAAAGGAAGTTAGAAAAGTTGCAC
 ACATGAATGGAATGAAGAATTCTGGAGACCTAACCATGGAGATTGTGAGAACAAGTATGAAGGCAGAACT
 TGAGGCAGCAAAGACTAAACCTTCTCTAAGAGATTTGTCCATACATCTATCCTACGTAAGCGGATATGT
 GTCCTGTCTTTATGAGACTTTTTTTTACAGTATCAATTTTTGGCCTGGCAGTTCACCTCCAACACCTGA
 GTTCTAATATTATCCTGTTGCAGTTTCTCATTAGTGCATTGGCCATACTAGTCAGTGTATTGGACCTTT
 TGTACTTAATCACATTGGCCGTAGAATAACCTATCTGGTTCTCATGTCTCTGAGGGGAATCTTCATTCTG
 ATTGCTGTATTTGTACCTCAAGAAATGCAGACCCTGCGTATTATTATGGCCACATTGGCAGAAGGAATTT
 CTTCTCTGTGTGGGTGTTAGTCGTCTTCATACAAATGAGCTACTCCCAACCACACTAAGGGCAACAGC
 TGTAGGAGTCATTGGGTCTTTGGTAATAGTGGATCATTCTATCCCCCTGTTTATGCTGCTAGCGACA
 TACTATGCCAACATGCCCTGGATCTTCTATGGAGGCTTCTCCATCTTCAACGCGTTTACTGTGTTTCTCC
 TTCCTGAAACCAAGAATCAGCCTCTTCTGACTCCACCCATGATGTAGGAAATGATTGAAAGAATCAAG
 AAAAGGAAAGAAGGAGGATCCCATCATTAAAGTCACGAGGTTT**TAA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-RsrII

ACCN: NM_134256

Insert Size: 1656 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_134256.1](#), [NP_599017.1](#)

RefSeq Size: 2165 bp

RefSeq ORF: 1656 bp

Locus ID: 171405

UniProt ID: [Q76M72](#)

Cytogenetics: 19 A

Gene Summary: Isoform 1: Does not appear to have transporter activity.[UniProtKB/Swiss-Prot Function]