

## Product datasheet for **MC220246**

### **Slc27a3 (NM\_011988) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Slc27a3 (NM_011988) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc27a3
Synonyms:	Acsvl3; FATP-3; FATP3; Vlcs-3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220246 representing NM\_011988  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGGCCCTCTGCTGCTGCTGCCCTTACTCTTGCTCCTGCCTCTGCTGCTGAAGCTAGACGTCTGGC  
 CTCAGCTGCGCTGGCTGCCGGCCGACCTGGCCTTACAGTTCGCGCCCTCCGCTGCAAAAGGGCCCTTCG  
 AGCACGCGCGCTGGCCGAGCGGCCGCCGACCCGAAAGCTCTGAGAGCGGGTGCACTCTGGCCTGGCGT  
 CTCGCGTACCTGGCCCGGAGCAGCCGACACACACCTTCTCATCCACGGCGCGCAGCGCTTTAGCTACG  
 CGGAGGCTGAGCGCGAGACACCGGATTGCTCGCGCCTTTCTGCGCGCACGGGGCTGGACCGGGGGCCG  
 CCGAGGCTCGGGCAGGGCAGCACTGAGGAAGGCGCACGCGTGGCGCCTCCGGCTGGAGATGCGGCTGCT  
 AGAGGGACGACCGCCCTCTGGCACCCGGGCGACCGTGGCGCTGCTCTCCAGCGGGCCCGGATT  
 TCCTTTGGATTTGGTTCCGACTGGCCAAAGCTGGCCTGCGCACGGCCTTTGTGCCACCGCTTTACGCCG  
 AGGACCCCTGCTGCACTGCCTCCGAGCTGCGGTGCGAGTGCCTCGTGTGGCCACAGATTCTGGAG  
 TCCTTGAGCCGGACCTGCCGGCTTGAGAGCCATGGGGCTCCACCTATGGGCGACGGGCCCTGAAACTA  
 ATGTAGCTGGAATCAGCAATTTGCTATCGGAAGCAGCAGACCAAGTGGATGAGCCAGTGCCGGGGTACCT  
 CTCTGCCCCCAGAACATAATGGACACCTGCCTGTACATCTTACCTCTGGCACTACTGGCTGCCAAG  
 GCTGCTCGAATCAGTCATCTGAAGTTCTACAGTGCCAGGGATTCTACCATCTGTGTGGAGTCCACCAGG  
 AGGACGTGATCTACCTCGCACTCCCACTGTACCACATGTCTGGCTCCCTTCTGGGCATTGTGGGTGCTT  
 GGGCATTGGGGCCACCGTGGTGTGAAACCCAAGTTCTCAGCTAGCCAGTTCTGGGACGATTGCCAGAAA  
 CACAGGGTGACAGTGTCCAGTACATTGGGGAGTTGTGCCGATACCTCGTCAACCAGCCCCGAGCAAGG  
 CAGAGTGTGACCATAAGGTGCGCTTGGCAGTGGGCAGTGGGTTGCGCCAGACACCTGGGAGCGTTTCT  
 GCGGCGATTTGGACCTCTGCAGATACTGGAGACGTATGGCATGACAGAGGGCAACGTAGCTACGTTCAAT  
 TACACAGGACGGCAGGGTGCACTGCGGCGAGCTTCTGGCTTTACAAGCACATCTTCCCCTTCTCCTTGA  
 TTGATACGATGTGATGACAGGGGAGCCTATTCGGAATGCCAGGGGCACTGCATGACCACATCTCCAGG  
 TGAGCCAGGCCTACTGGTGGCCCACTGAGCCAGCAGTCCCTTCTGGGCTATGCTGGGGCTCCGGAG  
 CTGGCCAAAGACAAGCTGCTGAAGGATGCTTCTGGTCTGGGGACGTTTTCTTCAACTACTGGGACCTCT  
 TGGTCTGTGATGAGCAAGGCTTCTTCACTTCCACGATCGTACTGGAGACACCTCAGGTGGAAGGGAGA  
 GAATGTGGCCACAAGTGAAGTGGCTGAGGTCTTGGAGACCTGGACTTCTTCCAGGAGTGAACATCTAT  
 GGAGTACCGGTGCCAGGGCACGAAGGCAGGGCAGGCATGGCGCCTTGGCTCTGGGCCCCCGCAGGCTC  
 TGAACCTGGTGCAGCTCTACAGCATGTTTCTGAGAACTTGCCACCGTATGCCCGACCTCGGTTTCTCAG  
 GCTCCAGGAATCTTTGGCCACTACTGAGACCTTCAAACAGCAGAAGGTTAGGATGGCCAATGAGGGCTTT  
 GACCCAGTGTACTGTCTGACCACTCTATGTTCTGGACCAAGATATAGGGGCCTACCTGCCCTCACAC  
 CTGCCCGGTACAGTGCCCTCTGTCTGGAGACCTTCAAT**TGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-RsrII

**ACCN:** NM\_011988

**Insert Size:** 2004 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\\_011988.3](#), [NP\\_036118.2](#)

**RefSeq Size:** 2290 bp

**RefSeq ORF:** 2004 bp

**Locus ID:** 26568

**UniProt ID:** [O88561](#)

**Cytogenetics:** 3 F1

**Gene Summary:** Has acyl-CoA ligase activity for long-chain and very-long-chain fatty acids. Does not exhibit fatty acid transport activity.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) encodes the longer isoform (1).