

Product datasheet for **MC216548**

Slc36a3 (NM_172258) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc36a3 (NM_172258) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc36a3
Synonyms:	PAT3; TRAMD2; tramdorin2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216548 representing NM_172258
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGGAATGTGCCGCTGCTTAGAGAAGTTGGCAAGTGTGAGCGGAATATGTTTCGGTTCGGTCTACAGCCT
CCTCAAAAGGCAGCAGCAACAGCAGAAGCAGCAGTACCTCCCAAGAAGGGCCCTCGCAGGGAAGC
TGATGCGCTAATGTTTATACAGATCTTTATCCACCTGTTGAAAAGCAACATTGGCACAGGCTTCCTGGGA
CTGCCCTGGCTGTAAAAATGTGGATTGTTGGTGGGCCTGTGAGCCTTTGGCCATCGGGGCGCTCA
CAGTGCCTGTATGGATATCCTGCTGAAGTGTGCTGCCATCTCACTCAGAGACTGCAGAGGAGTTTTGT
GAACTATGAAGAGACCACAATGTACAGCCTGGAACGTGTCCAAGTCTTGGCTGAGGACGCACTCAGTG
TGGGGCAGGTACGTTGTGAGCTTCTGCTGATCGTCACTCAGTGGGCTTCTGCAGCGTGTACTTCATGT
TTCTGGCGGACAACCTACAACAGATCATGGAAGAAGCCACTTCACCTCCAACGTCTGCCAGCCGAGGCA
GAGCCTGGTGTGACCTCCATCCTGGACTCGCTTCTATATGCTCACCATCCTGCCCTTCTCATCCTG
CTGGTGTCTATCCAGAACCACAGGTGTTGTCCATCTTCTACCTTGGCCACCATCACCACCCTGAGCA
GCCTGGCTCTGATCTTCGAGTATCTCATCCAGACCCACACCACAGCAACCTGCCCTGGTTGCAAACTG
GAAGACTTTCTTGTCTTTGGCACGGCTATCTTACCTTTGAAGGCGTGGGGATGGTTCTGCCTCTC
AAAAGCCAGATGAAGAGCCCGCAGCAGTCCCCGCTGTGCTGTATCTGGGGATGTCTTTGTCTCTTCC
TCTACATCTGCCTGGGGACTCTGGGCTACATGAAGTTGGGACAGACTCAGGCCAGCATCACCCTCAA
CTTGCCATTTGCTGGCTGTACCAAGTCAAGTGTACTCTGTGGGCATCTTCTTACCTATGCC
CTCCAGTCCACGTCCCAGCTGAGATCATCGTCCCCTATGTCGTCTCAAGAGTGTCTGAGAACTGGGCTC
TGTTTCGTAGACCTGACTGTCCGACAGCCTTGGTCTGCCTGACCTGTTTCTCAGCCGCTCCTCATCCCCG
CCTGGACTGGTATCTCCCTGGTGGCTCTGTGAGCAGTAGCGCCCTGGCCATCATATCCCGCCGCTG
CTGGAGATTGCCACATTTACTCTGAGAACATAAGCTGTGCCACCATTGTCAAGGACATCATGATCAGCA
TCTGGGCTCTTAGGGTGTGACTTGGGACATACCAAGCCCTGTACGAGATGACCCAGCAGACCCACTT
TTACATGGCCAACCTACAAGGGTCCACATA**TAA**

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_172258

Insert Size: 1434 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_172258.3](#), [NP_758462.2](#)
RefSeq Size: 1758 bp
RefSeq ORF: 1434 bp
Locus ID: 215332
UniProt ID: [Q811P0](#)
Cytogenetics: 11 B1.3