

Product datasheet for **MC227836**

Slc30a6 (NM_001252478) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc30a6 (NM_001252478) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc30a6
Synonyms:	9530029F08Rik; ZnT6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC227836 representing NM_001252478
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGACGATTCATCTCTTTTCGAAAGCCACAGAGATCTTTTTTTGGAAAGTTACTACAGGAATTTAGAC
 TTGTCGCAGCTGACCGGAGGTCCTGGAAGATCCTTCTGTTGCGGTGCAATCAACGTGCTGTGCACTGGCTT
 CCTGCTCATGTGGTGACGCTCCACCAACAGCATCGCATTAACTGCCTATACTTACCTCACCATCTTTGAT
 CTCTTTAGTTTGTCTTTCTTTAGTTTAATAACATGTTTAATAAGCTACTGGGTAATGATGAGGAAACCTA
 GCCCTGTCTATTCATTTGGGTTTGAAGATTAGAAGTCTGGCTGTATTTGCTTCTACTGTCTTGGCACA
 ATTGGGAGCCCTCTTTACTAAAGAAAGTGCAGAACGCTTTTTGGAGCAGCCGAGATACACACGGGA
 AGATTGTTAGTTGGTACTTTTGTGGCCCTTTCTTCAACCTGTTACAGATGCTTTCTATTCGGAATAAGC
 CTTTTGCTTACGCTCTGAAGCTGCTAGTACGAGCTGGCTTCAGGAGCACGTGGCAGACCTTAGCCGCAG
 CTTGTGTGGCCTTATCCCAGGACTCAGCAGTATCTTCTGCCCGCATGAATCCGTTTGTCTGATTGAT
 CTTGCTGGGGCGTTTGTCTGTGTATAACATACATGCTGATTGAGATTAATAACTACTTTGCCGTGGACA
 CTGCGTCAGCCATTGCCATTGCCCTGATGACGTTTGGCACCATGTACCCCATGAGTGTGTACAGTGGGAA
 AGTGCTCCTCCAGACAACACCACCTCATGTTATCGGTCAGTTGGACAACTGATTAGAGAGGTGTCTACC
 TTGGATGGGGTGCTAGAAGTCCGAAATGAACACTTTTGGACCCTTGGATTTGGCTCATTGGCTGGGTGAG
 TGCATGTACGGATCCGACGAGATGCGAACGAACAATGGTCCTTGCTCATGTGAGCAACAGGCTGTGCAC
 GCTGGTGTCCACGCTGACTGTTCCAGATCTCAAGGACGACTGGATTCCGGCCTGCCTTATCCTCTGGGCT
 GTTGGCCCAACGTCCTAACTTCTCAGACCATCAGTAATCCCAATGCCTTTATTAAGAACGTGGATG
 AGAGACCCCGTCACGTCACCCAGCCAAGCCAGCCACCTCCGGAGTTTTCATTTAATACGCTT
 TGGGAAAAACGTGAGCCCGTTATTCTTCTGAACACACAGACAAGGCCATATAGTTTGGGTCTTAATCGC
 GGACACACACCATACAGCAGCGTTCAGCCAAGGACTCGCATTTCAGGAGTTGGAGCAGGCCAGGGAT
 TGAGGCCACCTCCACATATACCAAGTAGATATGGAATCAACAGGATGGGGCAGCCAAGACCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001252478
- Insert Size:** 1398 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001252478.1](#), [NP_001239407.1](#)

RefSeq Size: 2171 bp

RefSeq ORF: 1398 bp

Locus ID: 210148

Cytogenetics: 17 E2

Gene Summary: Zinc-efflux transporter which allocates the cytoplasmic zinc to the trans-Golgi network (TGN) as well as the vesicular compartment.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.