

Product datasheet for **MC205247**

Slc30a6 (NM_144798) Mouse Untagged Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Slc30a6 (NM_144798) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Slc30a6 |
| Synonyms: | 9530029F08Rik; ZnT6 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

Fully Sequenced ORF: >BC068169
 GCGACTTCTCAGAGCGTCTTCCGGCGGGAGCTGTACGGCTCCTTACCATGGGGACGATTCATCTCTTTCCG
 AAAGCCACAGAGATCTTTTTTTGGAAAGTTACTACAGGAATTTAGACTTGTGCGAGCTGACCCGGAGGTCC
 TGGAAAGATCCTTCTGTTCCGGTGAATCAACGTGCTGTGCACTGGCTTCTGCTCATGTGGTGCAGCTCCA
 CCAACAGCATCGCATTAACTGCCTATACTTACCTACCATCTTTGATCTCTTTAGTTTAAATAACATGTTT
 AATAAGCTACTGGGTAATGATGAGGAAACCTAGCCCTGTCTATTCAATTTGGGTTTGAAGATTAGAAGTC
 CTGGCTGTATTTGCTTCTACTGTCTTGGCACAATTGGGAGCCCTCTTATACTAAAAGAAAGTGCAGAAC
 GCTTTTTGGAGCAGCCCGAGATACACACGGGAAGATTGTTAGTTGGTACTTTTGGGCCCTTTCTTTCAA
 CCTGTTACAGATGCTTTCTATTTCGGAATAAGCCTTTTGCTTACGTCTCTGAAGCTGCTAGTACGAGCTGG
 CTTCAGGAGCACGTGGCAGACCTTAGCCGAGCTTGTGTGGCCTTATCCCAGGACTCAGCAGTATCTTCC
 TGCCCCGATGAATCCGTTTGTCTGATTGATCTTGTGGGGCGTTTGTCTGTGTATAACATACATGCT
 GATTGAGATTAATAACTACTGTGCCGTGGACACTGCGTCAGCCATTGCCATTGCCCTGATGACGTTTGGC
 ACCATGTACCCCATGAGTGTGTACAGTGGGAAAGTCTCTCCAGACAACACCACCTCATGTTATCGGTC
 AGTTGGACAAACTGATTAGAGAGGTGTCTACCTTGGATGGGGTGTAGAAGTCCGAAATGAACACTTTTG
 GACCCCTTGGATTTGGCTCATTGGCTGGGTGAGTGCATGTACGGATCCGACGAGATGCGAACGAACAATG
 GTCTTGTCTCATGTGAGCAACAGGCTGTGCACGCTGGTGTCCACGCTGACTGTTCAAGATCTCAAGGACG
 ACTGGATTCGGCCTGCCTTATCCTCTGGGCCTGTTGCGCCCAACGTCCTAAACTTCTCAGACCATACCGT
 AATCCCAATGCCTTTATTAAGAACGTGGATGAGAGGACCCCGTCACGTCACCCCAAGCCAGCCAGC
 AGCCACCTCCGGAGTTTTCATTTAATACGCCTGGGAAAAACGTGAGCCCGTTATTTCTTGAACACAC
 AGACAAGGCCATATAGTTTGGGTCTTAATCGCGGACACACACCATACAGCAGCGTGTTCAGCCAAGGACT
 CGCATTTCAGGAGTTGGAGCAGGCCAGGGATTGAGGCCACCTTCCACATATACCAAGTAGATATGGA
 ATCAACAGGATGGGGCAGCCAAGACCCTGACAGACTCTAACTTATTGTGATGGGGAATAGCGACTTCTTG
 CCTTCCAATGTATTTAGTAATCCAACCTTGCACTGTTCAACCACCTTACATGTCAGATTATCCAGGC
 TTGTTTCATATTTTATAAAACCTATAAACTATATTTTTGTAATAATGTTCTTGTGGCAGTGAAGTCTTTGGA
 AATGTCATGGGCATTAGGTAGGCCTCCTTCAAAAAGTTTGGATATGAGCTGCTTTGTAGCAGCCTATGAT
 GTGATAGTCTGGCCTCCAGCAGTAAAGCCATGTGCTGAGTGGATCTGCATCTTACCAAAAATTCATAATT
 CCTTCAGTAGAATTTATAAACATACTTCATGTATGGTGCCTCAACTAAGTAAATGAAAATAGGTGTCCAT
 TTGAAAAGTAAATCTCTTTTATAGCTTTTTAAAGCTTAATTGCTACATTTTTTGAGGCCCTCCCAAATC
 ATTTGTTAAATAAAAAGTAACAGTTTCTATTGGAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI

ACCN: NM_144798

Insert Size: 1383 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: [BC068169](#), [AAH68169](#)

RefSeq Size: 1942 bp

RefSeq ORF: 1383 bp

Locus ID: 210148

UniProt ID: [Q8BJM5](#)

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 (2) uses an alternate splice site in the coding region, but maintains the reading frame, compared to variant 1. The encoded isoform (2) is shorter than 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.