

Product datasheet for **MC207449**

Slc30a3 (NM_011773) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc30a3 (NM_011773) Mouse Untagged Clone
Tag: Tag Free
Symbol: Slc30a3
Synonyms: Znt3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207449 representing NM_011773
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGCCTTCTCTGGCCACCGGAGGCTCGGAGACCACCCGCCTAGTGAGTGCCCGAGACCCGAGCAGCG
 CTGGCGGCGCCCTGCGATTGAAGAGTCTTTTCACAGAGCCCTCAGAGCCCCTGCCTGAGGAGCCCAAGT
 TGAGGGGATGGCCTTCCACCACTGCCACAAGACCCCGTGCCTCAGTCAGGCCTCTCTCCAGAGAGGGTG
 CAAGCCCGGAGGAGCTGTATGCCGCTGCGCTGTGTGCTTCATCTTCATGGCCGGGAGGTGGTTGGTG
 GGTATTTAGCACACAGCTTGGCCATCATGACTGATGCCGCCCACTTGCTAGCAGACATAGGCAGCATGTT
 GGCCAGCCTCTTTCCCTCTGGCTTTCCACTCGGCCAGCCACCCGCACCATGACCTTTGGCTGGCACCCG
 TCAGAGACTCTGGGAGCTTTGGCCTCTGTGGTCTCCCTCTGGATAGTCACTGGCATCCTCCTGTACCTGG
 CTTCTCCCGCTGCTTCATAGTGACTATCACATTGAGGCGGGTGCCATGCTGCTGACTGCCAGCATCGC
 TGTCTGTGCCAATCTGCTAATGGCCTTTGTGCTGCACCAGACTGGAGCCCCCACAGCCATGGATCTACA
 GGTGCAGAGTATGCACCTCTAGAGGAAGGCATGGATACCAATGTCCCTGGGAAACACAGAGTGTCCGGG
 CTGCCCTTTGTGCATGTGCTGGGAGACCTCTTCAGAGCTTTGGGGTCTGCGAGCCTCGATCCTCATCTA
 CTTCAAGCCTCAGTACAAGGTAGCTGACCCCATCAGCACCTTCTCTTCCATCTGCGCCCTTGGGTCC
 ACAGCTCCACACTTCGAGATGTTCTCCTTGTCTCATGGAAGGCGCCCTCGGAGTGTGGAATTTGAAC
 CCGTAAGGGACACCTTGTGTCCGTGCCGGGAGTCCGAGCAACCCATGATCTCCATCTGTGGGCCCTGAC
 GCTTACTTACCACGTTGCCTCTGCACACCTGGCTATTGACTCCACGGCTGACCCTGAAGCTGTCTGGCT
 GAAGCCTCATCCCGCTCTATTCCCGTGGATTCTCCAGCTGCACCCTGCAGGTGGAGCAATACCAGC
 CTGAGATGGCCAGTGTCTGCGCTGCCAGGAGCCCTCCCAAGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_011773
Insert Size:	1167 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:	<ol style="list-style-type: none">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:	<u>NM_011773.3</u> , <u>NP_035903.2</u>
RefSeq Size:	2006 bp
RefSeq ORF:	1167 bp
Locus ID:	22784
UniProt ID:	<u>P97441</u>
Cytogenetics:	5 16.97 cM
Gene Summary:	Involved in accumulation of zinc in synaptic vesicles.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1).