

## Product datasheet for MC209669

### Slc30a4 (NM\_011774) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Slc30a4 (NM\_011774) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Slc30a4  
**Synonyms:** Im; znT-4; Znt4  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC209669 representing NM\_011774  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCCGGCCCCGGCGCGTGAAGCGCCTCAAATCCCTGCTGAGGAAAGACGACACGCCGCTGTTCTTAA  
 ATGACACCAGCGCTTCGACTTCTCGGACGAGGTGAGCGACGAGGGGCTTCGCGCTTAAATAAAGTTCG  
 AGTCGTGGTGGCCGACGATGACTCGGAAGCCCCGAAAGGCTGTGAACGGGGCGCACCCGGCCCTCCAG  
 GCCGACGATGACTCCTTATTGGACCAGGACTTACCTTTAACCAACAGTCAGCTGAGTTTGAAATGGACC  
 CCTGTGACAACCTGCAGCAAGCGACGCGAGTTGCTGAAGCAGAGGAAGGTGAAGACCAGGCTGACCATCGC  
 TGCCGTCCTCTACTTGTCTTTTCATGATCGGAGAGCTTGTAGGTGGATACATGGCAAATAGCTTAGCAATT  
 ATGACAGATGCACTCCATATGCTAACTGACCTTAGTGCCATCATACTCACTCTGCTTGTGGTGTG  
 CCTCAAAGTACCAACCAGAAGATTCACCTTTGGATTTTCATCGCCTAGAGGTTTTGTGCGCCATGATCAG  
 TGTAAATGCTGGTGTATGTACTAATGGGATTCCTCTTATATGAGGCTGTGCAGAGAACCATCCATATGAAC  
 TATGAAATAAACGGCGATGTATGCTCATCACTGCAGCTGTTGGAGTTGCAGTTAATGTAATAATGGGGT  
 TTCTGTTGAACCAGTCCGGTACCACCATTCTCACGCTCATTCCCCTGCTCAAATCCCAAG  
 CATGGTATCTAGTGGACACAACCATGGGACAGGACAGCTTGGCAGTGAGAGCTGCATTTGTACACGCCTTG  
 GGAGACTTGGTACAAAGTGTGGTGTGCTTATAGCTGCATACATCATAACGATTCAAGCCAGAATACAAGA  
 TTGCTGATCCCATCTGTACGTATATATTTTCATTGCTTGTGGCTTTCACAACGTTTCGCATCATATGGGA  
 CACAGTAGTGATAATCCTGGAAGGTGTACCAAGCCATTTGAATGTAGATTATATCAAAGAGTCGTTGATG  
 AAAATAGAAGATGTATATTCTGTGGAAGATTTGAATATCTGGTCTCTCACTTCTGAAAAATCCACTGCCA  
 TAGTTCACATGCAGCTAATTCCTGGAAGTTCATCTAAATGGGAAGAAGTACAGTCCAAAGCTAAGCATT  
 ATTACTGAACACGTTTGGCATGTACAAATGCACTATTCAGCTCCAGAGTTACAGACAAGAAGTGATCAGA  
 ACTTGTGCAAATTGTCACAGTTCAGTAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_011774
<b>Insert Size:</b>	1293 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_011774.3</a></u> , <u><a href="#">NP_035904.2</a></u>
<b>RefSeq Size:</b>	5497 bp
<b>RefSeq ORF:</b>	1293 bp
<b>Locus ID:</b>	22785
<b>UniProt ID:</b>	<u><a href="#">O35149</a></u>
<b>Cytogenetics:</b>	2 60.65 cM
<b>Gene Summary:</b>	Probably involved in zinc transport out of the cytoplasm, may be by sequestration into an intracellular compartment.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).