

## Product datasheet for MC218299

### Slc25a13 (BC016571) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Slc25a13 (BC016571) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc25a13
Synonyms:	A1785475; Ctrn
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC016571 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGAAGTTGACATCTTGTTCAGTTAGCAGATTTATATGAGCCGAGGGGGCGCATGACCTTAGCAGACA  
TTGAGCGGATCGCCCTCTAGAGGAAGGAATGTTACCCTTCAACTGGCCGAGGCCAGAGGCAGAAAGGC  
CTCGGGTGATGCTGCTCGGCCCTTCTTCTGCAGCTCGCAGAGTCAGCCTACAGGTTTGGACTGGGTCT  
ATTGCTGGAGCTGTCGGAGCCACTGCCGTGTATCCTATCGATCTTGTAAGACTCGAATGCAGAACCAGA  
GATCAACCGGCTCTTTTGTGGCGAGCTCATGTATAAAAAACAGCTTTGACTGCTTTAAGAAGGTGCTCCG  
CTACGAAGGCTTCTTTGGACTGTACCGAGGTTTGTGCCACAGTTACTGGGAGTCGCCCCGAGAAGGCC  
ATAAACTTACAGTGAACGATTTTGTGAGAGATAAATTTATGCACAAAGATGGCTCCGTCCTTTTGG  
CAGAGATTTTGTGCTGGAGGCTGTGCTGGAGGCTCCCAAGTGATTTTACAAAATCCTTTAGAGATTGTAA  
AATCCGTTACAAGTGGCCGGAGAGATCACCCTGGCCCCGAGTCAGCGCCCTGTCGGTGGTACGAGAC  
CTGGGGTCTTTGGCATCTACAAGGGCGCAAAGCATGCTTCTGAGGGACATTCCTTTCTCAGCCATCT  
ACTTCCCGTCTATGCCACGTGAAGGCTTCTTTGCAAATGAAGACGGGCGAGTCAAGCCCGAAGCCT  
GCTCTTAGCCGGTGCTATTGCTGGTATGCCTGCGGCATCTTAGTGACCCCTGCTGATGTTATCAAGAT  
AGATTACAGTGGCTGCCCGGGCTGGCCAAACCTTACAACGGTGTGACCGACTGCTTCAGAAAGATAC  
TTCGAGAAGAGGGCCCCAAAGCATTGTGAAAGGAGTTGCTGCTCGTGTCTTCCGCTCCTCGCCCCAGTT  
TGGTGTACCTTGCTTACGTATGAATTGCTGCAGCGGTGGTTCTATGTCGATTTTGGAGGCGTGAAGCCC  
GTGGGATCTGAGCCGGTCTAAATCCCGGATTACTCTGCCCGCTCCCAATCCTGACCACGTAGGGGGCT  
ACAACTGGCCGTTGCCACATTCGAGGGATTGAGAACAATTTGGACTTACCTACCTCTTTAAGCC  
ATCAGCATCTACCTCAAAGTGACTGCTGGGACTCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	BC016571
<b>Insert Size:</b>	1230 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="#">BC016571</a></u> , <u><a href="#">AAH16571</a></u>
<b>RefSeq Size:</b>	1755 bp
<b>RefSeq ORF:</b>	1229 bp
<b>Locus ID:</b>	50799
<b>Cytogenetics:</b>	6 A1
<b>Gene Summary:</b>	Mitochondrial and calcium-binding carrier that catalyzes the calcium-dependent exchange of cytoplasmic glutamate with mitochondrial aspartate across the mitochondrial inner membrane. May have a function in the urea cycle.[UniProtKB/Swiss-Prot Function]