

## Product datasheet for **MC207064**

### Slc25a15 (BC061143) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Slc25a15 (BC061143) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc25a15
Synonyms:	D630044L02Rik; Ornt1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC061143 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTATGAAATGGAGACATCTGGAAGATAGCGGCCAGTCAGAATACAGTTTGGTCAGTTGTGAAGGAGA  
TCTTTAGGAAGGACGGCCCTTGGGCTTCTACCATGGCTCTCAAGCACTTTACTTCGAGAAGTACCAGG  
CTACTTCTTCTTTGGTGGCTATGAACTGAGCAGGTCATTCTTCGCATCAGGGAGATCAAAGACGAA  
CTAGGTCCTGTGCCATTGATGCTGAGTGGTGGATTGGTGGGATTTGCCTGTGGCTTGTGTGTATCCGG  
TGGATTGTATCAAATCTAGAATCAAGTCTTTCTATGACTGGAAGCAGACAGGACTCGTCAGGACCTT  
CCTGAGTATCGTAAAGAATGAAGGAATAACAGCCTTGTATTCTGGACTGAAACCCACCATGATCCGCGCA  
TTCCTGCCAACGGGCACTGTTTTGGCCTATGAGTACAGCAGGAAGTTGATGATGAACCAATTGGAAG  
CATGGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	BC061143
Insert Size:	498 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).



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<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>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<a href="#">BC061143</a> , <a href="#">AAH61143</a>
<b>RefSeq Size:</b>	1389 bp
<b>RefSeq ORF:</b>	497 bp
<b>Locus ID:</b>	18408
<b>Cytogenetics:</b>	8 A2
<b>Gene Summary:</b>	Ornithine-citrulline antiporter (PubMed:19287344). Connects the cytosolic and the intramitochondrial reactions of the urea cycle by exchanging cytosolic ornithine with matrix citrulline. The stoichiometry is close to 1:1 (By similarity).[UniProtKB/Swiss-Prot Function]