

Product datasheet for **MC209126**

Slc25a15 (NM_181325) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc25a15 (NM_181325) Mouse Untagged Clone
Tag: Tag Free
Symbol: Slc25a15
Synonyms: D630044L02Rik; Ornt1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209126 representing NM_181325
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAATCCAATCCAGCCATCCAAGCTGCCATCGACCTCACAGCAGGGGCTGCAGGGGGCACAGCATGCC
TACTGACTGGGCAGCCCTTCGACACGATGAAGGTGAAGATGCAGACCTTCCAGACCTCTACCGGGCCCT
CACAGACTGCTGCCTCAAGACCTACTCCCAGGTGGCTCCGTGGCTTCTACAAGGGCACCAGCCCCGCC
CTGATTGCCAATATAGCAGAGAACTCGGTGCTGTTTCATGTGTTACGGCTTCTGCCAGCAGGTGGTCCGTA
AAGTGGTTGGATTGGATCAGCAGGCAAACTGAGTGACCTTCAGAATGCAGCTGTGTTCCCTTGCCTC
CGCCTTTCGCCGCTGGTTCTCTGCCCCACGGAGCTTGTGAAATGCCGGCTGCAGACCATGTATGAAATG
GAGACATCAGGAAAGATAGCGGCCAGTCAGAATACAGTTTGGTCAGTTGTGAAGGAGATCTTTAGGAAGG
ACGGCCCCTTGGGCTTCTACCATGGGCTCTCAAGCACTTACTTCGAGAAGTACCAGGCTACTTCTTCTT
CTTTGGTGGCTATGAACTGAGCAGGTATTCTTCGCATCAGGGAGATCAAAGACGAACTAGGTCCTGTG
CCATTGATGCTGAGTGGTGGATTTGGTGGGATTTGCCTGTGGCTTGCTGTGTATCCGGTGGATTGTATCA
AATCTAGAATCAAGTTCTTCTATGACTGGAAGCAGACAGACTCGTCAGGACCTTCTGAGTATCGT
AAAGAATGAAGGAATAACAGCCTTGATTCTGGACTGAAACCCACCATGATCCGCCATTCCCTGCCAAC
GGGGCACTGTTTTTGGCCTATGAGTACAGCAGGAAGTTGATGATGAACCAATTGGAAGCATGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_181325
Insert Size: 906 bp



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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:	NM_181325.4 , NP_851842.1
RefSeq Size:	3469 bp
RefSeq ORF:	906 bp
Locus ID:	18408
UniProt ID:	Q9WVD5
Cytogenetics:	8 A2
Gene Summary:	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]