

Product datasheet for RN214801

Slc25a4 (NM_053515) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Slc25a4 (NM_053515) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Slc25a4
 Synonyms: Ant1
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN214801 representing NM_053515
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGGATCAGGCTTTGAGCTTCCTTAAGGACTTCTGGCAGGTGGCATCGCCGCCCGTCTCCAAGA
 CCGCGGTCGCCCCGATCGAGAGGGTCAAAGTCTGCTGCAGGTCCAGCATGCCAGCAAACAGATCAGTGC
 AGAGAAACAGTACAAAGGCATCATTGATTGTGTGCTGAGAAATCCCAAGGAGCAGGGCTTCTCTCCTTC
 TGGAGGGGTAACCTGGCCAACGTGATCCGGTACTTCCCCACCAAGCTCTCAACTTCGCCTCAAGGACA
 AGTACAAGCAGATCTTCTGGGAGGTGTGGATCGTCATAAGCAGTTCTGGCGCTACTTCGCTGGTAACCT
 GGCTCTGGTGGGGCAGCTGGGGCTACCTCCCTGCTTCGCTCTACCCACTGGACTTTGCTAGGACCAGG
 CTGGCTGCCGACGTGGGCAAGGGATCTTCCAGCGTGAGTTCAATGGGCTGGGTGACTGTCTACCAAGA
 TCTTCAAGTCTGATGGCCTGAAGGGTCTTACCAGGGTTTCAGTGTCTGTGCAGGGCATCATCATCTA
 CAGAGCTGCCTACTTCGGAGTCTATGACACTGCCAAGGGGATGCTGCCAGACCCCAAGAATGTGCACATT
 ATTGTGAGCTGGATGATTGCCAGAGTGTGACAGCCGTGGCGGGCTGGTGTCTATCCATTTGACACTG
 TCCGTCGTAGGATGATGATGCAGTCTGGCCGAAAGGGGCTGATATTATGTACACGGGGACAGTTGACTG
 CTGGAGGAAGATTGCAAAAGATGAAGGACGCAAAGCTTTCTTCAAAGGTGCTTGGTCCAACGTACTGAGA
 GGCATGGGGGTGCTTTTGTATTGGTATTGTATGATGAGATCAAAAAATATGTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_053515
 Insert Size: 897 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:	<u>NM_053515.1</u> , <u>NP_445967.1</u>
RefSeq Size:	1289 bp
RefSeq ORF:	897 bp
Locus ID:	85333
UniProt ID:	<u>Q05962</u>
Cytogenetics:	16q11
Gene Summary:	catalyzes the exchange of ADP and ATP across the mitochondrial inner membrane [RGD, Feb 2006]