

Product datasheet for RN205600

Slc25a21 (NM_133614) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc25a21 (NM_133614) Rat Untagged Clone
Tag: Tag Free
Symbol: Slc25a21
Synonyms: Odc1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205600 representing NM_133614
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGCCTCCAACGTCAGCTTGCTGCACGAGACCTGCAGGCAGGTCGCGGCCGGAGGGTGTGCAGGTC
 TTGTAGAAATTTGCTGATGCATCCCCTCGATGTGGTAAAACCAGGTTCCAGGTTCCAGAGAAGTGAAC
 AGACCCACAGAGTTATAAAAGCTTAAGAGACAGCTTTCAGGTGATCTTCCGAACAGAGGGTTGTTGGC
 TTTTACAAGGGAATTATCCCACGATTTTAGCTGAAACACCAAAAAGAGCTGTCAAGTTTTCCACCTTTG
 AGCTGTACAAGAAATTTCTGGGATATATGTCACTATCACAGGGCTGACATTTCCATTGCTGGATTAGG
 ATCTGGACTAACAGAAGCCGTCGTGGTTAACCTTTTGAGGTGGTAAAAGTTGGTCTACAAGTCAATCGG
 AACATGTTACAGAGCAACCATCTACTTTTGCTTATGCAAGACAAATCATTAGAAGGAAGGCTGGGGGT
 TCCAGGGCCTCAACAAAGGATTTACAGCAACTCTGGGACGCCACGGAATTTCAACATGACTTACTTTGG
 CTTCTACTACAACGTCAAAGATAATTTCCATCCAGTAAGGATCCAACCTGGAGTTTTTGAGAAAAATTT
 GGAATTTGGTTTTGCTCCGGGACAGTGGGCTCAGTCTTAAACATCCCCTTTGATGTTGCCAAGAGTAGGA
 TCCAAGGACCTCAGCCAGTTCTGGAGAGATCAAGTACCGAGGCTGCTTCAAACCATGGAGACGGTCTA
 CAGGGAAGAAGGATTTTAGCCTTATACAAAGGCCTGCTCCCAAGGTGATGCGACTTGGACCAGGTGGT
 GGGGTGATGCTGCTGGTATATGAATACACCTATGCGTGGCTGCAGGAGAACTGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_133614
Insert Size: 897 bp



[View online »](#)

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_133614.2 , NP_598298.1
RefSeq Size:	2470 bp
RefSeq ORF:	897 bp
Locus ID:	171151
UniProt ID:	Q99JD3
Cytogenetics:	6q23
Gene Summary:	mitochondrial oxodicarboxylate carrier; involved in the transport C5-C7 oxodicarboxylates across the inner membranes of mitochondria [RGD, Feb 2006]