

Product datasheet for RN212836

Slc25a27 (NM_053500) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Slc25a27 (NM_053500) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Slc25a27
 Synonyms: Ucp4
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN212836 representing NM_053500
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCTTTCCTGAGGAGGAGTCGCTACAGCCACTCACGCAGAGATGGCCCCGGACCAGCAAGTTCCTAC
 TGTCCGGCTGCGCCGCAACCGTGGCCGAGCTAGCAACCTTCCCCTCGATCTCACAAAACCCGACTCCA
 GATGCAAGGAGAAGCTGCCCTTGCTAAGTTGGGAGATGGTGCATGGAATCCGCCCTTACAGGGGCATG
 ATGCGCACGGCCCTGGGATTGTCCAGGAGGAAGGCTTCTAAAGTTGTGGCAAGGAGTGACGCCGCCA
 TTTACAGACACGTAGTGTACTCTGGAGGTCGGATGGTCACCTACGAACATCTCCGGGAAGTTGTGTTTGG
 CAAAAGTGAAGATGAACATTATCCCCTCTGGAAGTCCGTATTGGAGGGATGATGGCTGGCGTCATCGGA
 CAGTTTTTAGCCAACCCCACTGACCTCGTGAAGGTCCAGATGCAAATGGAAGGAAACGTAGACTGGAAG
 GGAAACCCCTTGAGATTCCGTGGAGTACATCATGCGTTTGCAAAAATCTTAGCTGAAGGAGGAATCCGTGG
 GCTTTGGGCAGGCTGGATACCCAATATTCAGAGAGCAGCACTTGTGAACATGGGAGATTTAACCACTTAC
 GACACAGTGAAGCACTACCTGGTATTGAACACAGCACTTGAAGACAATATCGCCACTCACGGCTTATCCA
 GTTTGTGTTCTGGACTGGTGGCTTCTATTCTGGGAACACCAGCCGATGTCATCAAAGCCGAATAATGAA
 CCAACCTCGAGACAAACAAGGAAGAGGGCTTTTGTATAAGTCATCAACTGACTGCGTGATCCAGGCTGTT
 CAAGGAGAAGGCTTCTGAGCCTGTATAAAGGCTTTCTACCCTCTGGCTGAGAATGACCCCTTGGTCAA
 TGGTGTCTGGCTTACTTATGAAAAATCAGACAGCTGAGTGGAGTCAGTCCATTC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_053500



[View online »](#)

Insert Size:	969 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).
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_053500.1</u> , <u>NP_445952.1</u>
RefSeq Size:	2678 bp
RefSeq ORF:	969 bp
Locus ID:	85262
Cytogenetics:	9q13
Gene Summary:	involved in mitochondrial proton leak [RGD, Feb 2006]