

Product datasheet for MC212087

Slc25a41 (NM_175333) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: Slc25a41

Synonyms: 4933406J04Rik; AI507137

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >MC212087 representing NM_175333
Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGAGTCCATCTCGAGGTTCTGGACACGGGAGAGCAGCTGATGGTCCCTGTGGATGTCTTGAAGAGG
AAAACAAGGGGACCTGTGGAAGTTTCTGCTCTCTGGAGCCATGGCTGGGGCAGTGTCTCGCACAGGGAC
AGCACCTCTGGACAGAGCCAGGGTGTACATGCAGGTGTACTCCTCCAAGAGCACTTCAGAAACCTGCTG
AGTGGACTGCGGAGCCTGGTCCAGGAGGGCGCGTCCGCTCCCTCTGGCGGGCAATGGCATCAACGTGC
TCAAGATCGCCCCAGAGTATGCTATCAAGTTCTCTGTCTGTGAGCAGTCTAAGAATTTCTTCTACGGTGT
GCACTCATCCAGCTCTTCCAGGAACGGGTCGTCGAGGCTCCCTGGCTGTGGCCGTCTCCAGACGCTC
ATAAACCCCATGGAGGTACTCAAGACTCGGCTGACCTTCGCTTCACTGGCCAGTATAAAGGGCTTCTGG
ACTGTGCCAGGCAGATCTTGAACGGGATGGTACCGAGCCCTATACCGAGGCTACCTGCCCAACATGTT
GGGCATCATCCCCTATGCTTGACCGACCTAGCTGTTTATGAGCTACTCCAGTGCCTGTGGCAGAAGTTG
GGCAGGGACATGAAGGACCCCAAGTGGCCTCGTCAGCCTGTCTGTAACACTGTCCAGACCTGTGGCC
AGATGGCCAGTTACCCACTGACTTTGGTGCACACAAGGATGCAGGCTCAAGACACTGTGGAGGGCTCCAA
CCCCACCATGCAGGGAGTCTTCAAGAGGATACTGAGCCAGCAGGGCTGGCCGGGGCTGTACAGAGGCATG
ACACCCACTTTACTGAAGGTGTTGCCAGCAGGCGGCATCAGCTACCTGGTGTATGAAGCCATGAAGAAAA
CCCTGGGTGTACAAGTCTGAGCAGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_175333



Insert Size:	939 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_175333.3 , NP_780542.1
RefSeq Size:	1226 bp
RefSeq ORF:	939 bp
Locus ID:	103775
UniProt ID:	Q8BVN7
Cytogenetics:	17 D
Gene Summary:	Calcium-independent ATP-Mg/Pi exchanger that catalyzes the electroneutral exchange of Mg-ATP or free ADP against an hydrogenphosphate and participates in the net transport of adenine nucleotides across the mitochondria inner membrane.[UniProtKB/Swiss-Prot Function]