

Product datasheet for **MC200706**

Slc25a36 (NM_138756) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc25a36 (NM_138756) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc25a36
Synonyms:	C330005L02Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC008171 sequence for NM_138756
 CTTCTTGGCCCTCGCCGCTGGCCGCTGGCCGCTGCTGGGTCCGCGTCCCCTCTACTCCCGGAGGACAT
 GCAGAAGAGAAATGAGCCAGAGGGACACGCTGGTGCATCTGTTTCCCGGGGATGTGGTGGCACAGTGG
 GAGCTATTCTGACATGTCCACTGGAAGTTGTCAAAACACGGCTGCAGTCTTCTTGTGACACTGTATAT
 TTCTGAAGTTCAGCTGAACACCATGGCTGGAGCCAGTGTGAACCGAGTAGTGTCCCCTGGACCTCTTCAT
 TGCTGGAAGGCTATCCTGAAAAAAGAGGGCCCTCGCTCGTTGTTTAGAGGATTGGGCCCAATTTGGTGG
 GGGTTGCTCCCTCCAGAGCAATATACTTTGCTGCTTATTCAAACGCAAGGAAAAAGTTGAATGGTGT
 TGATCCTGATTCTACCAAGTGACATGGCTTCAGCTGCAATGGCAGGTTTTACTGCAACTACTGCAACA
 AACCCCATTTGGCTTATAAAGACTCGCTTACAGCTTGATGCAAGGACTCGTGGGAAAAAGCAAATGGGTG
 CTTTTGAATGTGTTGTAAGTCTATCAGACAGACGGACTGCGAGGATTTTATAGGGCATGTCTGCCTC
 CTATGCCGGCATATCAGAGACTGTTATCCATTTTGTATTTATGAAAGTATAAAGCAAAACTACTGGAA
 TGTAAGACTGCTTCTATGATGGAAGTCTGAGGAGTCTGTGAAAGAAGCATCGGATTTTGTGAGAATGA
 TGCTAGCTGCTGCCACCTCAAAACCTGTGCCACAACCATAGCGTATCCACACGAAGTTGAAGAACAAG
 ACTACGTGAAGAAGGGACAAAATATAGGCTTTTTTCAAACATTGTCTTTGATTGTTCAAGAAGAAGGC
 TATGGATCTCTTACCAGGCTCAACAACCTCATCTGGTGAAGCAGATTCCAAACACGGCCATTATGATGG
 CCACCTACGAAGTGGTGTCTACCTTCTCAACGGATAGCAGCAAGGGCTGCCATACTGCAGAGCAGGAAG
 ACCAAAAGATCACAGTGGACCATGGAATCTTGAAGCCAGCCAGCATGGTGGACAGAAAGACAGTAGTTGGG
 AAACATGTAACACTACTATGGCTGAGTGGAAAGTTGGTTTTAGGAAGTAAGGTACCATACGACATTAATCTT
 TCAGTGAGTAAACCTGGGCCGCTCGTCAAGAATGCTTTGAAAAGCATTCTTTCTCAAAATGGCCATT
 TTCTCTATTGTTACCAGCTCCAGTTTGTCTTACTGGTTATGACATTCAGAATACAGTGTGATTCCAT
 GAGCATTTTGGTGGTTAAACAAAATCATTCTAAGTGTATACTGTACTGTAATTTTCAAAGATGGTA
 GTGACAATTACAAATGACTAACTTGAACGTCTGCAATACTGTAAAATAACAAGTCGATCCTCAGTAACAC
 TTCCCCAGGAGGGCCTGCCTGTTACAGTGTGTTATGTTATCTGACACCCATAATCACTGTATTTGACAG
 CCAGTGAAGTAGTATCTAAATACTTCACATTTTCAACATCAAAATGTTATGGTCACATCTAAAAGATCTC
 CATCATAATTGAACATATCAAACAAACACACAGCTAATGGTTTGGGACTATAAAAATAAGCTAGTGGAT
 ACTGACTCAGTGACTTAGCATCCTCATACCTTTTCCAATTATGTGATGCAGGTATGGATATAATTTTGT
 TCATAATGTGATTATCACAGTCTCATACCTACATATTATTTACTTTAAAAGTAGAAAATAACAACCTGA
 ATTTTTTCTACTTACTTTACATTAAGAATTTTAACTTTGAATTATTTCCACATCTGTATAAGTTATTC
 TTTGTTGGTAGAGGAAATGGTAATTTTTCAGTTTGGCCTTTATAGGCTCCTTGAAGTGATTAATATTT
 AGGACAATATAAATATTACAAAAGACACGCTCAGCTATCAGATAACAATAAATCTTAGTTGGCAGAGAGC
 CTGTAAGCGAGTGTGCTACATTGCACAAATGTTATTCCTAGTTCCCTAAATGCTTTCTCATAGAGTCAGG
 CTAGTTTTAGTTCATTGTGTTAACAAGATAATAGTTTTTAAATTTTGCTGTTGAGTCAACAACATGTTG
 AATACTTTAATATATATGGCCATTATAAAGGTATTTGCTGCAATACTATAGATTTTCTATGGATGTTGC
 TATACTGGCATATGAAACGTCTACAATTAACCTAGTGTGGTGTCTATCAGAGGACCTTCACTTTAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_138756

Insert Size: 936 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.

RefSeq: [BC008171](#), [AAH08171](#)

RefSeq Size: 2347 bp

RefSeq ORF: 936 bp

Locus ID: 192287

UniProt ID: [Q922G0](#)

Cytogenetics: 9 E3.3

Gene Summary: Mitochondrial transporter that imports/exports pyrimidine nucleotides into and from mitochondria. Transports preferentially cytosine and uracil (deoxy)nucleoside mono-, di-, and triphosphates by uniport and antiport mechanism. Also transports guanine but not adenine (deoxy)nucleotides. Is inhibited strongly by pyridoxal 5'-phosphate, 4,7-diphenyl-1,10-phenanthroline, tannic acid, and mercurials (mercury dichloride, Mersalyl acid, p-hydroxymercuribenzoate). Participates in mitochondrial genome maintenance, regulation of mitochondrial membrane potential and mitochondrial respiration.[UniProtKB/Swiss-Prot Function]