

Product datasheet for MC207349

Slc25a3 (NM_133668) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc25a3 (NM_133668) Mouse Untagged Clone
Tag: Tag Free
Symbol: Slc25a3
Synonyms: 5730556H19Rik; Phc; PTP
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207349 representing NM_133668
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTCTCGTCCGTAGCGCACCTGGCGCGGGCGAACCCCTTCAACGCGCCACACCTGCAGCTGGTGCACG
 ATGGCCTGTCGGGTCCCCGAGTCCCCAGCTCCGCCCGGCGTCCCGCCACCTGGCCCGCCGCCGT
 GGAAGAGTACAGTTGTGAATTTGGCTCCATGAAGTATTATGCACGTGTGGCTTTGGTGGGTCTTAAGT
 TGTGGGCTGACACACACTGCTGTTGTTCCCTGGACTTAGTAAAGTGCCGCATGCAGGTGGACCCTCAGA
 AGTACAAAGGCATATTTAATGGATTCTCCATTACACTGAAAGAAGATGGCGTTTCGTGGTTTGGCTAAAGG
 ATGGGCCCAACTTTGATTGGCTATTCCATGCAAGGGCTCTGCAAATTCGGCTTTTATGAAGTCTTCAAA
 GCCTTATATAGCAACATACTTGGTGAGGAAAACACCTACCTGTGGCGCACATCACTGATTTAGCTTCTT
 CTGCCAGTGTGAATTCTTCGCTGACATTGCCCTGGCTCCTATGGAAGCTGCTAAAGTTCGAATTCAAAC
 CCAGCCTGGTTATGCCAACACCTTGAGGGAAGCTGTTCCCAAAATGTATAAAGAGGAAGGCTTAAATGCC
 TTCTACAAGGGCGTTGCTCCTCTGTGGATGAGACAGATCCCGTACACCATGATGAAGTTCGCCTGCCTTTG
 AACGTACTGTTGAAGCTTTGTACAAATTTGTGGTTCCTAAGCCCGAAGTGAATGTACAAAGGCAGAGCA
 GCTGGTTGTGACATTTGTGGCAGGTTACATAGCTGGAGTCTTCTGTGCGATCGTCTCCACCTGCTGAC
 TCTGTGGTCTCTGTGCTGAATAAAGAGAAAGGCAGCACCCGCTCTCAGGTCTGCAGAGGCTGGGCTTCA
 GAGGTGTGTGGAAGGGCTCTTCGCCCGAATCATCATGATTGGCACTCTGACTGCACTACAGTGGTTCAT
 CTACGACTCTGTGAAGGTCTACTTCAGGCTCCCTCGCCCTCCTCCCTGAGATGCCAGAGTCTCTGAAG
 AAGAAGCTTGGTTAACTGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_133668



[View online »](#)

Insert Size:	1074 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:	NM_133668.3 , NP_598429.1
RefSeq Size:	1512 bp
RefSeq ORF:	1074 bp
Locus ID:	18674
UniProt ID:	Q8VEM8
Cytogenetics:	10 C2
Gene Summary:	Transport of phosphate groups from the cytosol to mitochondrial matrix. Phosphate is cotransported with H(+). May play a role regulation of the mitochondrial permeability transition pore (mPTP) (By similarity).[UniProtKB/Swiss-Prot Function]