

Product datasheet for RN205183

Slc25a5 (NM_057102) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc25a5 (NM_057102) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc25a5
Synonyms:	Ant2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205183 representing NM_057102 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACAGATGCCGCTGTGTCTTCGCCAAGGACTTCTTGGCTGGTGGAGTGGCCGCGCCATCTCCAAGA
CGGCGGTAGCACCCATCGAGCGGGTCAAGCTGCTGCTGCAGGTGCAGCACGCCAGCAAGCAAATCACGGC
AGATAAGCAATAAAGGGCATCATAGACTGCGTGGTTCGATCCCCAAGGAACAGGGAGTCTGTCCTTC
TGGCGTGGCAACCTGGCCAATGTCATCAGATACTCCCCACCCAGGCTCTCAACTTGCCTCAAAGATA
AATACAAGCAGATCTTTTGGGTGGTGTGGACAAGAGGACCCAGTTTTGGCGGTACTTTGCAGGGAACCT
GGCATCAGGTGGTGTGCTGCTGGGGCCACATCCTTGTGCTTTGTGTACCCTCTTGATTTGCCCGTACCCGT
CTAGCAGCTGATGTGGCAAAGCTGGAGCTGAAAGGGAATTCAAAGGCCTTGGTGACTGCCTGGTTAAGA
TCTACAAATCTGATGGGATTAAGGGCCTGTACCAAGGCTTTAATGTGTCAGTGCAGGGCATTATCATCTA
CCGTGCTGCCTACTTCGGTATCTATGACTGCAAAGGGAATGCTCCCGGATCCCAAGAATACTCACATC
TTCATCAGCTGGATGATTGCACAGTCTGCTACTGCTGTTGCTGGCCTAATTCTTATCCTTTTGACACGG
TTCGCCGTCGATGATGATGCAGTCTGGACGCAAAGGAAGTATCATGTATACAGGCACGCTTGACTG
CTGGCGGAAGATCGCTCGAGACGAAGGAGGCAAGGCCTTTTCAAGGGTGCATGGTCCAACGTTCTCAGA
GGCATGGTGGTGCCTTTGTGCTTGTCTTGTATGATGAAATCAAGAAGTACACATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_057102
Insert Size:	897 bp



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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_057102.1 , NP_476443.1
RefSeq Size:	1215 bp
RefSeq ORF:	897 bp
Locus ID:	25176
UniProt ID:	Q09073
Cytogenetics:	Xq35
Gene Summary:	mitochondrial adenine nucleotide translocator [RGD, Feb 2006]