

Product datasheet for RN201962

Slc35f6 (NM_001017451) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc35f6 (NM_001017451) Rat Untagged Clone
Tag: Tag Free
Symbol: Slc35f6
Synonyms: ANT2BP; RGD1309228
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201962 representing NM_001017451
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCTGGACAAAGTACCAGTTGTTCTGGCCGGGCTCATGCTGGTCACCGGCTCCATCAACACGCTTT
 CAGCAAAGTGGGCGGACAACTTCGAAGCTGAGGGCTGTGGAGGAAGCCAGGAGCACAGCTCAAGCATCC
 TTCGTCAGGCAGTGGGCATGTTCTGGGAGAGTTCTCGTGCCTTGCTGCCTTCTACCTGCTCAAATGC
 CGAGCCAGAAGACAATCAGACTCCAGTGTAGAGCCCCGGCAGCCCTTCAACGCCCTACTTTCTGCCCC
 CAGCCCTATGTGACATGACTGGGACTAGCATCATGTATGTGGCCCTGAACATGACCAAGTGCCTCAAGCTT
 CCAGATGCTGCGGGGTGCAGTGATCATCTTCACAGGCCTGTTCTCAGTGGCCTTCTGGACCGGAGGCTG
 GTACCAAGCCAGTGGCTGGGCATCCTGATCACTATTGCGGGACTGGTGGTCGTTGGCCTGGCTGACCTCC
 TGAGCAAGCATGACAGTCAACACAAGCTCAGTGAAGTAATCACAGGTGACTTGTGATCATCATGGCCCA
 GATCATCATTGCCATCCAGATGGTGCTAGAGGAGAAGTTGTCTACAAACACAACATCCACCCACTCCAG
 GCAGTGGGCATCGAGGGCTTCTTCGGCTTTGTGATCCTCTCCCTACTGCTGGTGCCCATGTAATACATCC
 CCACTGCCTCTTTAGTGGCAACCCTCGTGGGGTGTGGAAGACGCTCTGGATGCCTTCTGCCAGGTGGG
 CCGGCAGCCCCTGATCGCCCTGGCTCTGCTGGGTAAACATCAGCAGCATTGCCTTCTCAACTTTTCGGGG
 ATCAGTGTACCAAGGAAGTGTGACCAACCCGATGGTACTAGACACCCTGCGCACCCGTGGTATCT
 GGGCCTTACCCTCGCACTGGGCTGGGAGGTCTCCATCCACTGCAGATCCTTGGTTTCTCATCTCCT
 TATGGGCACCGCCCTGTACAACGGGCTGCACCGACCCTGCTAGCCTGCCTGTCCAGACGCTGGCGACAC
 CCTACCCAGGAGGAGCAAGAGAGACTGCTGGGTGACAGCCGGACTCCCATCAATGAGACCAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001017451



Insert Size:	1119 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_001017451.1, NP_001017451.1</u>
RefSeq Size:	2959 bp
RefSeq ORF:	1119 bp
Locus ID:	298851
UniProt ID:	<u>Q5RKH7</u>
Cytogenetics:	6q14
Gene Summary:	Involved in the maintenance of mitochondrial membrane potential in pancreatic ductal adenocarcinoma (PDAC) cells. Promotes pancreatic ductal adenocarcinoma (PDAC) cell growth. May play a role as a nucleotide-sugar transporter (By similarity).[UniProtKB/Swiss-Prot Function]