

Product datasheet for RN215197

Slc41a3 (NM_001037492) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc41a3 (NM_001037492) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc41a3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN215197 representing NM_001037492 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTCGTCAGCTCAGCTCAGCCTTGAGTCCGCTTTCAGGGCAAGAAGCTTCGAGGCTTCAGCTGTGAGC
TAACCCGCTCCCCTCATGGGTCCCTCCCTGAATCTGTCCTCAGCACCACCTGCCAGGTCCGCATACCTAT
ACTGTTGTCCGGCTGGGCATGATGACGGCTGGCTTGGTATGAACACTGTCCAACACTGGCCAGTGTTC
AGAGATGTTAAAGACCTGCTGACGTTGGTGCCGCCCTTGTGGTCTGAAGGAAACCTGGAAATGACGC
TGGCATCTCGACTCTCTACGTCTGCCAACACTGGGCAAATCGATGACCGCCAGGAGAGGTACAGAATCAT
CAGCAGCAACCTCGTGTGGTTCAGGTGCAGGCCACTGTTGTGGGGCTCCTGGCTGCAGTGGCCTCACTG
ATGCTGGGCACAGTGTCCACGAGGAGTTCGATTGGGCCAAGGTGGCCTTGTGTGCACAAGCAGTGTCA
TCACCGCCTTCTCGCTGCCTTGGCCCTAGGAATTCTAATGATCTGCATAGTGATTGGTGTCCGAAAGTT
TGGGGTGAACCCTGATAACATCGCCACACCCATTGCAGCCAGCCTGGGAGACCTCATCACGCTGTCTATC
CTGGCCCTGATGAGCAGTCTTCTACAGCCACAGAGACAGTGGTATCTGACGCCTCTGGTCTGCATTG
GCTTCTTGGCTCTCACCCCTCTGTGGATCTTCATTGCCAAGCAGAACCCACCCATCATGAAGATCCTGAA
GTATGGGTGGTTTCCATTATCCTAGCCATGATCATCAGCAGTTTCGGAGGCCTCATCCTGAGCAAACCC
ATTTGCAAACATCAGTTTAAAGGCATGGCTGTCCTGACTCCAGTTATATGTGGTGTCCGTGGCAACCTGG
TGGCCATTAGACCAGCCGCATCTCCACCTTCTGCATATGTGGAGCACACCTGGGGTCCCTCCCTGTCCA
GATGAAGAGATTCTGGCCTAACCCCTTGCTTCACTTTCTGCTCCTCAGAAATCAATTCTGTATCAGCACGA
GTCCTGCTCTTCTGGTGGTCCCAGGACACCTGATTTTCTTACCTCATCTGCCTGGTGGAAAGGCCAGT
CAGTGACAAGCAGCAAGATCTTCGTGTTACTGTACCTGATGGCGGCATGATGCAGGTGGTAATCCTGCT
GTACCTAGCGGAAGTGTGGTTCGACTGACCTGGCACCAAGCCCTGGATCCTGACAACCATGTATCCCC
TACCTCACGGCCCTAGGGGACCTGCTGGCACTAGCCTGCTGGCACTGTGCTTCCCTCTGGACTGGTTAC
TGAGGGGCAGAGCTAATCTTGCGGAGCTGGTCTCAGAGCTGGTTTCTGTGCCTCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001037492
Insert Size:	1389 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_001037492.1</u> , <u>NP_001032569.1</u>
RefSeq Size:	2263 bp
RefSeq ORF:	1389 bp
Locus ID:	641603
UniProt ID:	<u>Q3SWT5</u>
Cytogenetics:	4q34