

Product datasheet for RN209395

Slc16a13 (NM_001005530) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc16a13 (NM_001005530) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc16a13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209395 representing NM_001005530 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGATAGGACTGAGCCCCCGATGGGGGCTGGGGATGGATGGTGGTCTCTCAGCGTTCTCCAGT
CGGCGCTCGTGTGGGGTGTCCGTTCCCTTGGTGTCTCTTCGTGGAATTTGTGGCGCGTGGAGGA
GCAGGCAGCCAGAGTCTCCTGGATCGCTCCATAGGGATCGCGGTGCAGCAGTTGGGAGCCCAATAGGC
AGTGCCCTGAGCACGAAGTTGGGGCCAGGCCGTGGTGTGACTGGGGGCATCTGGCTGCGCTGGGA
TGCTGCTTGCCTCATTGGCTACCTCCTTGACCCACCTATACCTGAGTATTGGGCTGCTGCAGGCTGG
CTGGGCCCTGACCTTCACTCCGACCCTGGCCTGCCTTCCCGTTACTTCTCTCAGCGACGATCTCTGGCC
ATGGGGCTGGCCCTGACTGGAGTGGGCATCTCCTCTTTGCGTTCCGCCCCCTCTCCAGTGGCTGCTCA
ACAACCTACGCTTGGAGGGGAGCACTCCTGTTAGTGTCTGCCCTCTCCCTACACCTGGTGGCCTGTGGTGC
TCTCCTCCGCCACTCTCCCTGACTGAAGACACTGCTGTGGGTGGCCCTTGGGCCAGATCACCTCCCTC
CTCTGTCATGGTCCCTTCTCCGATACACTGTTGCCCTCACCTGATCAACACTGGCTACTTCATTCCCT
ACGTCCATCTGGTGGCTCATCTGCAGGACCTGGGTGGGACCCCTGCCTGCTGCCTTCTGCTTTCAGT
GGCTGCTATTTCTGACCTTGTGGGCGTGTGGCATCTGGTTGGCTGGGAGATGCAGTCCCAGGACCTGTG
GCAAGACTTTTGATGCTTTGGACCACCCTGACTGGGGTGTCACTAGCTCTGTTCCCTGTTGCCAGGCTT
CCACAACCCTGGTGGTCTGGCTGTGGCCTATGGCTTACCTCGGGAGCCCTGACCCAGTGGCCTTCTC
CGTAATTCCTGAGTTGGTGGGACTGGAAGGATTTACTGTGGCCTGGGACTCGTGAGATGATAGAGAGT
GTGGGGGGCTACTGGGGCTCCTCTATCAGGCTACCTCCGGGATGTGACAGGCAACTACACGGCTTCTT
TTGTGGTAGTGGGGCTTCTACTTGCAGGAAGTGGAGTTCTTATCACCTGCCCAATTTCTTCTCCTG
CATCTCACTTTCTACCTCCAGACCCAGGACCTTGTGATAGAGGCCAGATACTAAAATCCCCTGCC
AAGGAGGAGGGCTGGGAGAGAACTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001005530
Insert Size:	1287 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_001005530.1</u> , <u>NP_001005530.1</u>
RefSeq Size:	1935 bp
RefSeq ORF:	1287 bp
Locus ID:	287451
UniProt ID:	<u>Q66HE2</u>
Cytogenetics:	10q24
Gene Summary:	Proton-linked monocarboxylate transporter. May catalyze the transport of monocarboxylates across the plasma membrane.[UniProtKB/Swiss-Prot Function]