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Product datasheet for MC219555

Slc5a10 (NM_001033227) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc5a10 (NM_001033227) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc5a10
Synonyms:	C330021F16Rik; SGLT5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC219555 representing NM_001033227
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTGGCAATTCCACTGGGGATGCCCATGTTCCAGGATCCCAGCTGAGTGTCACGGACATTATTGTCA
TCTCTGTCTATTTTGCCTTGAATGTGGCCGTGGGCATATGGTCGGCTTGTCGAGCCAACAAGAACACAGT
GAGCGGCTACTTCCTGGCGGGCCGGGACATGGCTTGGTGGCCGATCGGAGCCTCACTCTTTGCAAGCAGC
GAGGGCTCTGGCCTCTTCGTAGGATTGGCCGGCTCGGGTGCTGCCGGAGGCCTGGCTGTGGCTGGCTTTG
AGTGGAATGCCACATATGTGCTTTTGGCTCTGGCATGGGTGTTTGTACCCATCTACATATCTTCAGAGAT
CGTCACCTTGCCTGAATACATTCAGAAGCGCTTTGGTGGCCAGCGCATCCGCACGTACTTATCTGTCCTG
TCCCTGATGCTGTCTGTCTTCACCAAGATATCGATTGACCTGTACGCAGGAGCCCTGTTTGTCCACATCT
GCCTGGGCTGGAACTTCTACCTGTCCACCATCCTCACGCTCGCCATTACGGCCCTGTACACCATTGCAGG
GGGCCTGGCCACTGTGATATACACAGATGCCCTGCAGACAATCATCATGGTGGTGGGTGCTGTCATTTTG
GCAGTCAAAGCTTTCAACCAGATCGGTGGTTATGAGCAGCTGGAGGCGGCGTATGCCCAGGCCATCCCCT
CCAGGACCATCCCCAACACCACCTGCCACCTGCCGCGAGCAGACGCCATGCATATGTTCCGGGACCCTTC
CACAGGAGACCTCCCGTGGACTGGGATGACCTTTGGTCTGACCATCATGGCCACCTGGTACTGGTGCACT
GACCAGGTTATTGTGCAGCGGTCCCTGTCTGCCCGGAACTTGAACCATGCCAAGGCAGGCTCCATTCTAG
CCAGCTACCTGAAGATGCTTCCCATGGGCCTGATGATCATGCCAGGCATGATCAGCCGAGTACTGTTCCC
AGACGATGTGGGCTGTGTGGTACCATCCGAGTGTCTGCGAGCCTGTGGGGCTGAGATTGGCTGCTCCAAC
ATTGCCTACCCGAAGCTGGTCATGGAGCTGATGCCCATAGGTCTTCGAGGGCTGATGATCGCAGTAATGA
TGGCTGCTCTCCTGTCATCCCTGACCTCCATCTTCAACAGCAGCAGCACGCTTTTCACCATGGACATCTG
GAGGCAGCTTCGGCCCAGCGCGGGGGAGCGAGAGTTGCTGCTGGTGGGACGGCTGGTCATCGTGGTGCTC
ATCGGTGTGAGTGTAGCCTGGATCCCGGTCCTGCAGGGCTCTAACAGTGGTCAGCTTTTCATCTACATGC
AGTCAGTGACCAGCTCGCTGGCGCCCCCTGTCACCGCCATCTTCATCCTGGGCATCTTCTGGAGGAGGGC
CAATGAACAGGGGGCCTTCTGGGGCCTGATGGCTGGGCTGGTGGTGGGTGCTCTGAGGCTGGTCCTGGAA
TTCCTGTACCCGGAGCCCCCGTGCGGCCAAATCGATACCCGGCCAGCCCCCCTCCGCAGCCTACATTACT
TGCACTTTGCCATTGCCCTCTTCCTCCTCACCTGTGCTGTGATGGCCGCTGGGAGCCTACTGAGCCCGCC
CCCTCAGCAAAGACAGATTGAAAACCTCACCTGGTGGACTCTGGCTCCAAACTGGTCCTTAGGAACTAAA
ACAGGTGATGGCCAAACACCCCAGAAACGTGCTTTCTGGGCCCGCGTGTGTAATGTCAACGCCATCTTCC
TCATGTGTGTCAACATTTTCTTCTATGCCTATTTTGCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001033227

Insert Size: 1791 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).

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Reconstitution Method:	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_001033227.2, NP_001028399.1
RefSeq Size:	2261 bp
RefSeq ORF:	1791 bp
Locus ID:	109342
UniProt ID:	Q5SWY8
Cytogenetics:	11 B2
Gene Summary:	High capacity transporter for mannose and fructose and, to a lesser extent, glucose, AMG, and galactose.[UniProtKB/Swiss-Prot Function]

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