

Product datasheet for MC217889

Slc16a10 (BC052877) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc16a10 (BC052877) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc16a10
Synonyms:	TAT1, PRO0813, 9830169E08
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC052877 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGGCCTTCAAGACAGCGTGGGTGGGCTCGCTGTCCATGGGCATGATCTTCTTCTGCTGCCCCATCGTGA
GTGTCTTACGGACATGTTGGCTGCCGAGAACAGCTGTTGTGGGGCAGCTGTGGATTCACTGGACT
CATGTCCAGTTCTTTGTAAGCTCCATCGAGCCTCTGTACCTCACCTATGGAATCATATTTGCTGCGGC
TGCTCCTTTGCCTACCAGCCGCTCACTGGTCATTTGGGACACTACTTCAAGAAGCGCCTTGACTAGTCA
ACGGCATCGTCACGGCCGCGCAGCAGCTCTTCAACATCCTGCTCCCTTTGCTGTTAGGAAATCTAATCAG
CAGTGTGAAGCTCTTAAACAGCTGCGGATCCTCTGCATCTTCATGTTTGTCTCTTTCTGGCTGGCTTT
ACCTACCGACCTCTTGTTCCAGCACCAAGAGAGAGAGTGGGGCAGCAGAAGCTCATTCTTCTCCA
GGAGAAAGCTTAGTCTCCAAAAAAGTCTTAACTTTGCCCTCTTCAAGGAGACAACCTATGCAGTGTG
GGCTGCTGGGATACCACTTGCACTTTTTGGCTACTTTGTGCCCTTACGTTCACTTGATGAACCATGTAAG
GAAAGTTTCAAGATGTAACAACAAAGAGGTGCTCTTCATGTGCATTGGCATCACTTCAGGAGTTGGAC
GGCTTCTCTTTGGCCGATTGCTGACTATTTGCCCGGTGTGAAGAAGGTCTACCTCCAGGTTCTCTCCTT
CTTCTTCATTGGCCTGATGTCCATGATGATTCCCTGTGCAGCGCCTTCGGAGCCCTCATTGCTGTCTGC
CTTGCCATGGGTCTCTTCGATGGATGCTTCACTTCTATCATGGCGCCATTGCCCTTGAAGTGTGGTC
CTCAGGATGCTTCCCAAGCAATTGGATTCTACTTGGATTCAATGTCGATACCCATGACTGTAGGCCCTCC
TATTGCAGGGTTACTTCATGACGAGCTGGGCACCTACGACGTGGCCTTTTACCTTGCTGGAATCCCTCCC
TTCGTTGGGGTGTGTGCTCTGTTTAATCCCGTGGATCCATAGCAAGAAGCAAGAAAGATCAGTAAGA
ACGCCGAGGGGAGAAGATGGAGAAAATGCTGGAGAACCAGAGCTCTCTACTGTCAGGCTCATCAGGAAT
CTTCAAAAAGACTCCGCTCGATTATTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA


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Restriction Sites:	Sgfl-Mlul
ACCN:	BC052877
Insert Size:	1221 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC052877</u> , <u>AAH52877</u>
RefSeq Size:	1454 bp
RefSeq ORF:	1220 bp
Locus ID:	72472
Cytogenetics:	10 B1
Gene Summary:	Sodium-independent transporter that mediates the uptake of aromatic acids. Can function as a net efflux pathway for aromatic amino acids in the basolateral epithelial cells. [UniProtKB/Swiss-Prot Function]