

Product datasheet for **MC215870**

Slc2a6 (NM_001177627) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc2a6 (NM_001177627) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc2a6
Synonyms:	A330096C23; F630103L12Rik; Glut6; Glut9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC215870 representing NM_001177627
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGGAACCCCTGCTAAGAACCAGGGACTCGACTATGATACCTTCCCGAGGTGCCCGGACTCCTG
 GAGAGAGAGAACGAGCCGGGCCTTGAACAAACAGAAAGGGTGTTCCTGGCTACCTTCGCCGCTGTGCTGGG
 CAATTTACAGCTTTGGGTATGCCTTGGTCTACACATCTCCAGTCATCCCTGAACTGAAGCTCTCTTGAC
 CCAGCACTACACCTGGACAAAATCCAGGCATCCTGGTTTGGGTCCGTGTTACCTTGGGTGCCGAGCAG
 GGGGCTCAGTGCTATGTTACTCAATGACCTCCTGGGCCGGAAGCTCAGCATCATGTTCTCAGCTGTCCC
 CTCAGCCATTGGCTATGCAATCATGGCCGGTCCCGTGGCCTCTGGATGCTTCTGTTGGGAGGATGCTG
 ACGGGCTTGGCCGGGACTCACTGCTGCCTGCATCCCGGTGTACGTGTCTGAGATTGCACCCCTGATG
 TTCGTGGGGCCCTGGGGCCACACCGCAGCTCATGGCCGTGTTGGATCCCTGTCTCTACGCCCTGG
 TCTGCTGTACCTTGGCGATGGCTTGTGTGGCTGGAGAGGGGCCGGTTCTCATCATGATCCTGCTGCTC
 AGCTTCATGCCAACTCTCCTCGCTTCTTGTCTCAAAGAGCCGGATGAGGAGGCACTGCAGGCGCTGA
 CCTGGCTGCGAGCTGACTCCGAGGTCCATTGGGAGTTTGAGCAGATCCAGGACAACGTGCCGAGACAGAG
 TAGCCGAGTGTGCTGGCGGAAGCCCGGAACCCCGTGTGTACCGGCCTGTTCTCATTGCAGTACTGATG
 CGCTTCTGCAGCAGTGCAGGCATCACCCATCCTGGTGTACCTACAGACCATCTTCGACAACACAT
 CCGTGGTGTGCCCTCCCAGCAGGATGCAGCGATAGTTGGTGTGTGAGGCTCCTATCTGTGCTGATTGC
 TGCTGTACCATGGACCTGGCGGGCCGAAAAGTTCTGCTCTATGTGTGAGGCTATGCCATGGGCTGGGGT
 CCCATCACCTGGCTCCTCATGTCTGAGGTTCTGCCCTTGGCTGCCGTGGTGTGGCCTCAGGCTCTGCG
 TGCTGGTCAGCTGGCTCACAGCCTTCTGCTCACTAACTACTTCTGCTGCGAGTGAATGCCCTTCGGCCT
 CCAGGTGCCCTTCTTCTTCTTCGCGCCATCTGCCTGCTCAGCTTGTCTTCCACAGGCTGCTGTGTGCCCT
 GAGACCAGGGGCCGCTCGCTGGAGCAGATCGAGGCCTTCTCCACACTCGCAGGATGTCCTTCAGGCCCT
 AG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001177627

Insert Size: 1332 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.

RefSeq:	<u>NM_001177627.1, NP_001171098.1</u>
RefSeq Size:	1993 bp
RefSeq ORF:	1332 bp
Locus ID:	227659
UniProt ID:	<u>Q3UDF0</u>
Cytogenetics:	2 A3
Gene Summary:	<p>Probable sugar transporter that acts as a regulator of glycolysis in macrophages (PubMed:30431159). Does not transport glucose (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an exon in the 3' coding region compared to variant 1. The resulting isoform (2) is shorter but has the same N- and C-termini compared to isoform 1.</p>