

## Product datasheet for **MC201043**

### **Slc35c2 (NM\_144893) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Slc35c2 (NM_144893) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc35c2
Synonyms:	C85957; CGI-15; D2Wsu58e; Ovcov1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC018327 sequence for NM\_144893  
 CTCGAGCTTCCGGCAGGAGGCTCCCGCGAGAGCTGGGCGGAGTAGCGCTGGGGACCTGTGACCGCTGC  
 ATCCAGCTAACCATGGGACCGTTTGGCTCTGGCCACCAGCCCCTTAGCCACCTTCAAGAGAGGCTCCTGT  
 TCCTGCTGGCCCACGGATGGGGAGGTGGGCCCTGGACGTCGCCTTTGTGTGGAAGGCAGCTCTGACCCTG  
 GGCCTGGTCTTCTATACTACTGCTTCTCCATAGGCATCACGTTCTACAACAAATGGCTGACAAAGAGCT  
 TCCACTTCCGCTCTTCATGACCATGCTGCACCTGGCCGTCATCTTCTCTCCGCGCTGCCAGGGC  
 ACTGGTTCAATGCTCCAGCCACAAGGCCGGGTGGTGTGAGCTGGACGGACTACCTCAGAAGAGTGGCC  
 CCCACAGCACTGGCAACAGCACTTGACGTGGGCCTGTCCAAGTGGAGCTTCTCTACATCACTGTGTCCC  
 TGTACACGATGACCAAATCCTCTGCTGTCTTTATCCTGATTTTCTCTCTCATCTTCAAGCTGGAGGA  
 ACTGCGTGCAGCCCTGGTCTGGTGGTCTGCTCATTGCTGGGGGCTTTCATGTTTACCTATAAGTCC  
 ACGCAGTTCAATGTGGAGGGCTTTCCTTGGTGTGGGGGCTTCGTTTCATCGGTGGCATCCGCTGGACCC  
 TTACACAAATACTCCTGCAGAAAGCCGATCTTGGCCTCCAGAATCCCATTGACACCATGTTCCACCTGCA  
 GCCACTCATGTTTCTGGGCTCTTCCCTCTTTGCCATATTCGAAGGTCTCCACTGTCCACCTCTGAG  
 AAGATCTTCCGCTTCCAGGACACAGGGCTGCTCCTGTGGGTGCTTGGGAGCCTCCTCCTCGTGGGATTC  
 TGGCCTTCGGTTTGGGCTTCTCCGAGTTCCTCCTGGTCTCCAGAACGTCGAAGCCTCACACTCTCCATCGC  
 TGGCATCTTAAAGGAAGTCTGCACCCTGCTGTTGGCAGCTCACCTGCTGGGCGACCAGATCAGCCTCCTG  
 AACTGGCTGGGCTTTCGCTCTGCTCTGGCATCTCCCTGCATGTGGCCCTCAAGGCTCTACATTCCA  
 GAGGTGATGGTGGCCCAAGCCCCTGAAGAGCCTGGGCTCCAGCGCTGACCTGGAAGTGTGCTCCGGAG  
 TAGCCAGCAGGAGGAAGAGGACGGGGAAGAGGAATATTTTGTGACCCAGGGACAACAGTGACCCAGCCAG  
 GAGCAGCAAAGCAGGCCACTCTGTGGTCACTCCCTGCTGGCAGATCTTGGCCAGGTCCAGCAGCCAGCCG  
 GTTCTCAGAGCCGCTGCAAGTGGTGGCCTCAGAGCTTCTGCAAGGACTCTGAGCCTCCGGCTCTTCCC  
 TGTGGAGCTTGGTCCCAAAAAGCGAATGCCAGGCTCACATAGGACCTGAGCTGTCAAGTGAAGGGAGCCAG  
 TGGCTGTCTCCACCATTGTTCTGGTCTGAGAGCCAAGGTGAACGTGAGAGATGAGTAGTCTCTCAGA  
 TTCGGACTGTGGGTATCAGGAAAGGATCATGGAGAGACTAGGCCTCATCACCTGGACTGCAGTTCCT  
 CAGAGAGTAGATTTATTTATAGTTGAAATAATGATTTCTCTCCACAGCCAGTGTTCCTAAGGCATGA  
 GAGCAGGGAGAGCCCTGGGGCTGGCCTCTCCTCCGTTCCCTGCCTGGGGCCTTGTCTCCGCTCCGCT  
 TCTGTAGCCCATGCTCCTGTTTGTGCCAGGCCCATCCTTGGGGCCACACCATGGACCCACCGCAGGA  
 AATAAATGAGTGTTCCTCAGAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_144893

**Insert Size:** 1095 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:** [BC018327](#), [AAH18327](#)

RefSeq Size: 1889 bp

RefSeq ORF: 1095 bp

Locus ID: 228875

UniProt ID: [Q8VCX2](#)

Cytogenetics: 2 85.53 cM

**Gene Summary:** May play an important role in the cellular response to tissue hypoxia. May be either a GDP-fucose transporter that competes with SLC35C1 for GDP-fucose, or a factor that otherwise enhances the fucosylation of Notch and is required for optimal Notch signaling in mammalian cells (By similarity).[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2, 3, 5, and 6 all encode the same isoform (1).