

## Product datasheet for MC226577

### Slc35c2 (NM\_001252575) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Slc35c2 (NM\_001252575) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Slc35c2  
**Synonyms:** C85957; CGI-15; D2Wsu58e; Ovcov1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC226577 representing NM\_001252575  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGACCAATCCTCTGCTGTGCTCTTTATCCTGATTTTCTCTCATCTTCAAGCTGGAGGAAGTGCCTG  
 CAGCCCTGGTCTGGTGGTCTGCTCATTGCTGGGGCCCTTTCATGTTACCTATAAGTCCACGCAGTT  
 CAATGTGGAGGGCTTTGCCTTGGTCTGGGGCTTCGTTTCATCGGTGGCATCCGCTGGACCTTACACAA  
 ATACTCTGCAGAAAGCCGATCTTGGCCTCCAGAATCCCATTGACACCATGTTCCACCTGCAGCCACTCA  
 TTTTTCTGGGCTCTTCCCTCTTTGCCATATTCGAAGGTCTCCACTTGTCCACCTCTGAGAAGATCTT  
 CCGCTTCCAGGACACAGGGCTGCTCCTGTGGTCTGGGAGCCTCCTCCTCGGTGGGATTCTGGCCTTC  
 GGTTTGGGCTTCTCCGAGTTCCTCCTGGTCTCCAGAACGTCAAGCCTCACACTCTCCATCGCTGGCATCT  
 TTAAGGAAGTCTGCACCCTGCTGTTGGCAGCTCACCTGCTGGGCGACCAGATCAGCCTCCTGAACTGGCT  
 GGGCTTTGCCCTCTGCTCTGTCATCTCCCTGCATGTGGCCCTCAAGGCTCTACATCCAGAGGTGAT  
 GGTGGCCCCAAGCCCCTGAAGAGCCTGGGCTCCAGCGCTGACCTGGAAGTCTGCTCCGGAGTAGCCAGC  
 AGGAGGAAGAGGACGGGAAGAGGAATATTTGTGACCCAGGACAACAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_001252575  
**Insert Size:** 753 bp



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u>NM_001252575.1, NP_001239504.1</u>
<b>RefSeq Size:</b>	1938 bp
<b>RefSeq ORF:</b>	753 bp
<b>Locus ID:</b>	228875
<b>Cytogenetics:</b>	2 85.53 cM
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (4) differs in the 5' UTR, uses an alternate splice site and initiates translation at a downstream, in-frame start codon, compared to variant 1. The encoded isoform (2) has a shorter N-terminus, compared to isoform 1.</p>