

## Product datasheet for **MC217477**

### **Slc35f5 (NM\_028787) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Slc35f5 (NM_028787) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc35f5
Synonyms:	1300003P13Rik; AI646727
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217477 representing NM\_028787  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTGCCGCCACGACTCCATCGAGGGCAGGAAGGCCAGGTGGGCTGAGTTCCTTACCTCCATTTGGAC  
 TGGGCTCTGCCCGCTTTGCAGGCATTGCATTTGAGGATCTCAGAGAAGCCCTTGCAACAAGACTGCAAAAT  
 GGTATTATGTGTTATCATGAACCGTGTGAATCCAGAGCAGTGGTTTCAGTCAGCGCAGGCGAATGGCC  
 CTGGGGATAGTGATTCTCCTGCTGGTTGATGTGATATGGGTGGCATCCTCAGAACTCACCTCGTATGTCT  
 TCACGCAGTACAACAAGCCATTCTCAGCACCTTTGCGAAAACATCCATGTTTGTCTGTACCTTTTGGG  
 CTTCAATATTTGGAAGCCTTGGAGGCAACAGTGTACAAGAGGATTTAGAGGGAAGCCTGCTGCTTTTTTT  
 GCAGATGCTGAAGGTTACTTTGCTGCGTGACAACAGATACAAGCATGAGTAGTCTTTGAGTGAACCTC  
 TTTATGTTCTGTGAAGTTTCATGATCTCCAAGTGAGAAGCTCGAGAGCACAAACATTTGGGACCGAAAA  
 GACTCCCAAGAAGTCCCGTGAAGGTTAGCAATATCATGGAGATTCGCCAGCTCCCATCGAGCCATGCG  
 TTAGAGGCCAAGCTCTCTCGGATGTCTTATCCCACTGTGAAAGACCAAGAATCCATACTGAAGACTGTAG  
 GGAAATTGACTGCAACCCAAGTAGCAAAAATTAGCTTTTTTTTTTGTCTTGTGTGTTTTTGGCAAAATTT  
 GTCATACCAAGAAGCACTTTTCAGACACACAGGTTGCCATAGTGAATTTTTGTCTTCAACTTCTGGACTT  
 TTTACTTTAATCCTTGCAGCTGTATTTCCGAGTAACAGCGGAGACAGGTTTACCCTCTCTAAACTATTAG  
 CTGTAATTTTAAGCATTGGAGGTGTGGTGTGTTGACCTGTCTGGGTCTGAAAAGTCTGCTGGAAGAGA  
 CACAATAGGTTCCATTTGGTCCCTTGTGGAGCTATGTTCTATGCTGTCTACATTGTGATGATCAAGAGA  
 AAGGTAGACAGAGAAGATAAATTGGATATTCGAATGTTCTTTGGTTTTGTAGGTCTGTTAATCTGCTGC  
 TCCTATGGCCAGGTTCTTCTTACTGCATTATACTGGCTTTGAGGACTTTGAGTTTCCCAACAAAGTGGT  
 ACTGTTGTGATCATTATCAACGGCCTCATCGGAACAGTTCTGTCCGAGTTTCTGTGTTATGGGGCTGC  
 TTTCTTACCTCGTGTGATAGGCACACTGCACTAAGCCTTACGATACCTCTCTCCATCATAGCCGACA  
 TGTGCATGCAAAAAGTGCAGTTTTCTTGGTTATTTTTTGCAGGCGCTATCCCTGTATTTTTTTCATTTTT  
 TATTGTTACTCTCTGTGCCATTATAATAATTGGGATCCTGTGATGGTAGGAGTCAGAAGAGTTTTTGGC  
 TTTATATGCAGAAAACATCGAATTCAGAGAGTTCCAGAAGACAGTGAACAGTGCAGAGCCTCATTCTA  
 TGCACAGCGTTTTCTCAAGAGGATGGAGCTACT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_028787
- Insert Size:** 1575 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:** [NM\\_028787.4](#), [NP\\_083063.2](#)

**RefSeq Size:** 2597 bp

**RefSeq ORF:** 1575 bp

**Locus ID:** 74150

**UniProt ID:** [Q8R314](#)

**Cytogenetics:** 1 E2.3

**Gene Summary:** Putative solute transporter.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) encodes the shorter isoform (1).