

## Product datasheet for SC316202

### SLC35G2 (NM\_001097599) Human Untagged Clone

#### Product data:

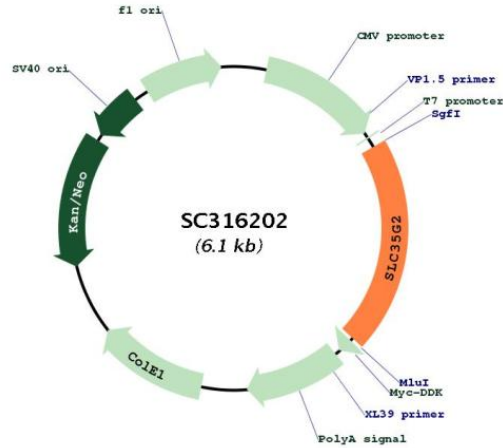
Product Type:	Expression Plasmids
Product Name:	SLC35G2 (NM_001097599) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC35G2
Synonyms:	TMEM22
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC316202 representing NM_001097599. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGATACTTCTCCCTCCAGAAAATATCCAGTTAAAAACGGGTGAAAATACATCCCAACACAGTGATG
GTGAAATATACTTCTCATTATCCCCAGCCTGGCGATGATGGATATGAAGAAATCAATGAAGGCTATGGA
AATTTTATGGAGGAAAATCCAAAGAAAGGTCTGCTGAGTGAAATGAAAAAAAAGGGAGAGCTTTCTTT
GGAACCATGGATACCCTACCTCCACCAACAGAAGACCAATGATCAATGAGATTGGACAATTCAGAGC
TTTGCAGAAAAAACATTTTCAATCCGAAAAATGTGGATAGTCTGTTGGATCTGCTTTGGCTCAT
GGATGTAGCTTTATCACTAGGCTTGTCTGATCGGTCTAAAGTTCCATCTCTAGAAGTATTTT
ATCCGTTCTGTTTTT CAGGCTTATCTGTGTTAGTTGTGTGTTACTATCAGGAGGCCCCCTTTGGACCC
AGTGGATACAGATTACGACTCTTCTTTTATGGTGTATGCAATGTCATTTCTATCACTTGTGCTTATACA
TCATTTTCAATAGTTCTCCAGCAATGGGACCACTATGTGGAGAGCCACAACACTACAGTCTTCAGTGCC
ATTTTGGCTTTTTTACTCGTAGATGAGAAAAATGGCTTATGTTGACATGGCTACAGTTGTTGCGAGCATC
TTAGGTGTTTGTCTTGTGCATGATCCCAACATTGTTGATGAAGACAATCTTTGTTAAATGCCTGGAAA
GAAGCCTTTGGGTACCCATGACTGTGATGGCTGGACTGACCACTGCTCTCAATGATAGTATACAGA
TCCATCAAGGAGAAGATCAGCATGTGGACTGCACTGTTTACTTTTGGTTGGACTGGGACAATTTGGGGA
ATATCTACTATGTTTATCTTCAAGAACCATCATCCATTAGATGGAGAAACCTGGAGTTATCTCATT
GCTATATGTCTGTCTTACTGCAGCATTCTTAGGAGTTTATTATGCCTTGGACAAATTCATCCAGCT
TTGGTTAGCACAGTACAACATTTGGAGATTGTGGTAGCTATGGTCTTGCAGCTTCTCGTGTGCACATA
TTTCTAGCATCTATGATGTTTTTGGAGGGTAATCATTATGATTAGTGTTTTTGTCTTGTGCTAT
AACTTTACTGGAGGAATTTAAGAAAGCAGGACTACCAGGAAATACTAGACTCTCCCATTAATGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-MluI



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**Plasmid Map:**


**ACCN:** NM\_001097599

**Insert Size:** 1239 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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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\\_001097599.1](#)

**RefSeq Size:** 1814 bp

**RefSeq ORF:** 1239 bp

**Locus ID:** 80723

**UniProt ID:** [Q8TBE7](#)

**Cytogenetics:** 3q22.3

**Protein Families:** Transmembrane

**MW:** 46.4 kDa

**Gene Summary:** May play a role in cell proliferation.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Variants 1-3 encode the same protein.