

## Product datasheet for SC316923

### SLC35G6 (NM\_001102614) Human Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids  |
| Product Name:             | SLC35G6 (NM_001102614) Human Untagged Clone  |
| Tag:                      | Tag Free   |
| Symbol:                   | SLC35G6  |
| Synonyms:                 | AMAC1L3; TMEM21B   |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pCMV6-Entry (PS100001)   |
| E. coli Selection:        | Kanamycin (25 ug/mL)   |
| Fully Sequenced ORF:      | >SC316923 representing NM_001102614.<br>Blue=Insert sequence Red=Cloning site Green=Tag(s) |

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCTGGCAGTCACCCCTACTTGAACCCGCTGACTCCACACACCCATCGCCGCCCTCCGCTCCACCC
AGCCTCCGCTGGCACCAGTGCTGCCAGCCCTCTGATGCCACCAATGGCCTGCTGGTGGCCCTGCTGGGT
GGGGCCCTGCCTGCTGGCTTCGTGGGCCCTTTCTCATATGGCTTACCAGGCTTCCAACCTGCCCTCG
CTGGAGCTGCTCATCTGTCGATGCCTCTCCACCTCCCTATTGCCCTGCTACTTAACTGCGTGGCGAC
CCCCTTCTGGGACCTCCTGACATCCGAGGCCGGCCTACTTCTATGCCCTGCTCAACGCTCCTCAGCATT
GGATGTGCTACAGTGGCTTCCAGTGGTGGCCGCTGGCAACGCTGCCACTGTTCCGAAAGTTCTTCC
ACCGTCTGCTCCGCCGTCTCACCTCTGCCTTGAGAGCCAGGGTCTCAGTGGCTACGACTGGTGTGGA
CTGTTGGGCAGCATCCTAGGACTAATCATCATTGTGGGACCTGGACTCTGGACACTACAGGAGGGGATC
ACGGGTGTCTACACCGCCCTGGGCTATGGGCAGGCTTTCGTGGGAGGACTGGCGCTGTCCCTGGGCTT
CTGGTCTATCGTTCTCTGCACCTTCCCTCCTGCCTCCCAACAGTGGCCTTCTATCTGGCTTGGTGGGG
CTGCTGGGCTCTGTGCCAGGCTCTTTGTGCTGACGCCCCCGTGTGCCAGTGATCTCCCGAGTTGG
AGTTGTGTGGGGCAGTGGGATCCTCGCCTTGGTCTCCTTACATGTGTGAGCTATGCGGTACCAAG
GCCACCCTGCCCTGGTGTGCGCTGTCTGCATTCCGAGGTGGTGGCCCTTATACTGCAGTATTAT
ATGCTCCATGAGACTGTGGACCTTCTGACATCGTGGGGCAGGGTGTGCTGGGCAGCATTGCCATC
ATCACAGCCTGGAACCTCAGCTGTGAGAGGGAAGGGAAGGTGGAGGAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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|--------------------|--------------------------|
| Restriction Sites: | Sgfl-MluI                |
| Plasmid Map:       | <input type="checkbox"/> |
| ACCN:              | NM_001102614             |



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|                               |   |
|-------------------------------|---|
| <b>Insert Size:</b>           | 1017 bp   |
| <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>        | 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.  |
| <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_001102614.1</u>   |
| <b>RefSeq Size:</b>           | 1195 bp   |
| <b>RefSeq ORF:</b>            | 1017 bp   |
| <b>Locus ID:</b>              | 643664  |
| <b>UniProt ID:</b>            | <u>P0C7Q6</u>   |
| <b>Cytogenetics:</b>          | 17p13.1   |
| <b>Protein Families:</b>      | Transmembrane   |
| <b>MW:</b>                    | 35.1 kDa  |