

Product datasheet for **SC325002**

SLC35G1 (NM_001134658) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35G1 (NM_001134658) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC35G1
Synonyms:	C10orf60; POST; TMEM20
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001134658 edited <pre> GGACCGGCCGCTGGTAGAGCGCGTGCCGCGAGATGCGGCCTCAGGACAGCACCGGGGTCG CGGAGCTCCAGGAGCCCCGGGCTGCCGCTAACGGACGATGCACCCCGGGCGCCACTGAGG AGCCGGCGGCCGCGAGGCAGCTGGGGCGCCAGACCGCGGTAGGTGCTGGCTCTGCCTTT CCTCGCGGTGTTGCTCCCGCACCGAGCCGGAAGCCAAGAAGAAAGCACCTGTCTGGAC TTGGCTTGTTTTACACATTATTGTCTGCCTTCCTTTTCTCAGTGGGCTCTTTATTTGTTA AAAAAGTGCAAGACGTCCATGCTGTAGAGATTAGTGCGTTTCGATGTGTGTTCCAAATGC TAGTTGTTATCCCTTGCTTAATATACAGAAAACTGGGTTTATAGGCCAAAAGTCAAC GAATTTTCTCATTCTCAGAGGAGTCTTGTTCTACCGCCATGATGCTTATATACTATG CTTACCAGACAATGTCCCTCGCTGATGCCACAGTTATCACGTTTAGCAGTCCAGTGTTA CGTCCATATTTGCTTGGATATGTCTCAAGGAAAAATATAGCCCTTGGGATGCTCTTTTCA CCGTGTTCAATCACTGGAGTGATCCTTATCGTGAGACCACCATTTTTGTTTGGTTCCG ACACTTCGGGGATGGAAGAAAGCTATTCAGGCCACCTTAAGGGAACATTGCGAGCAATTG GAAGTGCCGATTTTGCTGCATCGACTCTAGTTATCCTAAGAAAAATGGGAAATCTGTGG ACTACTTTCTGAGCATTGGTATTATGTAGTACTTGGCCTCGTTGAAAGTGTCATCATCC TCTCTGTATTAGGAGAGTGGAGTCTGCCTTACTGTGGGTTGGACAGGCTATTTCTCATAT TCATTGGGCTCTTTGGTTTGGGGGTCAGATATTTATCAGAAAGCACTTCAAATAGAAA AAGCAGGGCCAGTAGCAATAATGAAGACAATGGATGTGGTCTTTGCTTTTATCTTTCAGA TTATTTTCTTTAATAATGTGCAACGTGGTGGACAGTGGTGGTCTCTGCGTAGTAG CCAGTAATGTTGGAGCGGCATTCTGTAATGGTACCAAAGTTCCAAATGAAGCATCATTG CTGAAATACATATTTTTTCAAGTACACCATCACCTAATTCACATACAGCATACGCACAC ATCTGGAAATCTG </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001134658
Insert Size:	1200 bp


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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:	<u>NM_001134658.1</u> , <u>NP_001128130.1</u>
RefSeq Size:	2428 bp
RefSeq ORF:	1098 bp
Locus ID:	159371
UniProt ID:	<u>Q2M3R5</u>
Cytogenetics:	10q23.33
Protein Families:	Transmembrane
Gene Summary:	This gene encodes a transmembrane protein which is a member of the drug/metabolite transporter protein superfamily. The encoded protein may play a role in the regulation of calcium levels inside the cell. [provided by RefSeq, Sep 2016] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.