

Product datasheet for **SC100583**

SLC66A3 (NM_152391) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC66A3 (NM_152391) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC66A3
Synonyms:	C2orf22; PQLC3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100583 sequence for NM_152391 edited (data generated by NextGen Sequencing) ATGGAGGCGCGCTGCTGGGGCTGTGTAAGTGGAGCACGCTGGGCGTGTGCGCCGCGCTG AAGCTGCCGAGATCTCCGCTGTGCTAGCGGCGCGCAGCGCGGGGCTCAGCCTTCCG AGTTTACTTCTGGAGCTGGCAGGATTCCTGGTGTCTGCGGTACCAAGTGTACTATGGG TATCCGCCGCTGACCTACCTGGAGTACCCATCCTCATCGCGCAAGATGTCATCCTCCTG CTCTGTATCTTTCATTTTAACGGGAACGTGAAGCAGGCCACTCCTTACATCGCTGTATTG GTGTCTTCTTGGTTCATCCTTGCCTGCAGAAAGTGGATCATAGACCTGGCCATGAATCTA TGTAATTTTATCAGCGCGGCCAGTAAGTTTGCACAGCTCCAGTGTCTGTGAAGACGAGA GACTCAGGAAGTGTGAGTGGCTGACTTGGAGCCTCTTCTCTATACCTGTGCAACAAGA ATAATCACAACCTTAATGACCACCAATGATTTTACAATTCTTCTACGTTTGTGATCATG CTGGCTTTAAATATATGGGTAACAGTGACAGTACTTCGCTACCGGAAGACCGCTATAAAG GCTGAATGA Clone variation with respect to NM_152391.3



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_152391 unedited
 GTTCAGGTTTTGTAATACGACTCACTATAGGGGCGGGCCGCGCAATTCCGCACGAGGGAA
 GGCTTCCGCAGAGCTGCCCCCGGGCGGAGGGGGCCTTCTCNCTGCGGCCGCCAGGT
 GCGCGCGCCCGTGGCGCTATGGAGGCGGCGCTGCTGGGGCTGTGTAACGGAGCACGCTG
 GGCGTGTGCGCGCGCTGAAGCTGCCGAGATCTCCGCTGTGCTAGCGGCGCGCAGCGCG
 CGGGCCCTGAGCCTTCCGAGTTTACTTCTGGAGCTGGCAGGATTCTGGTGTCTCTGCGG
 TACCAGTGTTACTATGGGTATCCGCCGCTGACCTACCTGGAGTACCCCATCCTCATCGCG
 CAAGATGTCATCCTCCTGCTCTGTATCTTTCATTTTAACGGGAACGTGAAGCAGGCCACT
 CCTTACATCGCTGTATTGGTGTCTTCTTGGTTCATCCTTGCCCTGCAGAAGTGGATCATA
 GACCTGGCCATGAATCTATGTACTTTCATCAGCGCGGCCAGTAAGTTTGACAGCTCCAG
 TGTCTGTGAAGACGAGAGACTCANGAAGTGTGAGTGCCTGACTTGGAGCCTCTCTTCC
 TATACCTGTGCGACAAGAATAAATCACACCTTAATGACCACCAATGATTTTACAATTCTT
 CTACGTTTTGTGATCATGCTGGCGTTAAATATATGGGGTACAGTGACAGTACTTCGCTAC
 CGGGAGACCGCTATAAGGCTGAATGATGGATACATTNATTCCTTACACAGTGGATTTTG
 AGTAACTGGAACCAAAGAGAAAAGAGGCGTCTTGCTAANNTAAAGGTCTTTTTATAAAT
 TTAGTAAATCAGTTTTATAATCCTTAAAGCCCAAGGNTTTTTTGAAGTCTTGAAGGAA
 AGAGCCACTTTAAATTCTTGTTAAAAATAACCAATGGGCTCCTCCTNCCTCATTTTCGT
 C

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_152391 unedited
 TTTGTACGTTCACTATGNACGCGGCCGAATCTATGATCGGTTTTTTTTTTTTTTTTTTC
 AAAATATGAAATTTATTTTGCATAGGAAAACAATAATCTCTGGTAAACATCATTACTGC
 ATCTAACAAAACATGCCTTCAATTAAGGGGAAAGTGAGTTTTTAAACATTAGGGTTA
 ATTTAGAAGAAAATACAGTATATAATAATCTCAACATCATGTTTAGGGTAAAAATGCTAT
 AATGTGAAAAAAGTCCCTAAGAACTGGACAGAACCTACCTAACACACCATTTACCGTGT
 ATGTTTTCAATAGACAAAACATATTTTGTACCAATTCCAACAGTGGTAATCTATAGTT
 GTGGCCCTTTAAAAATGGCAGCATTGTACTTGAATCAGAAAGCTTACTGGGATTTCCCTC
 ATCGAAAGTAGAGATTGCAGCTAATCCTAGTACCTTTTGTAGTAATTACTTAAGGCACA
 GTGCAAGTTGAAGGACTGTTTTGGTACAACTCAAGCCAGCTACATGTATGCTTGCCCT
 GGTATCCTTGCTAGAGCATGCAGGTATAATACCGTATTATATAACAAGGCCACCCT
 GTTGATCTGTGTACAATTAACATCAGTCCCAGAAAGTGAACCCTAGTCATTTATTAT
 AGGTGCCACCTCTGACTTGGAACAAAATGCCACTCCATTATGTTTATTTTGTCTGG
 AGAGGATTTATTTCTAAAGATTCTGAAANCAACAAATCANTGTAGTTCTTCATAGAGA
 ACTTAAGGTAAGGCTCAAAATGGCTCAATGGGCTTCTTGGA

Restriction Sites:

NotI-NotI

ACCN:

NM_152391

Insert Size:

1750 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:	<u>NM_152391.2, NP_689604.1</u>
RefSeq Size:	1812 bp
RefSeq ORF:	609 bp
Locus ID:	130814
UniProt ID:	<u>Q8N755</u>
Cytogenetics:	2p25.1
Protein Families:	Transmembrane