

Product datasheet for **SC305984**

SLC26A9 (NM_134325) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC26A9 (NM_134325) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC26A9
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_134325, the custom clone sequence may differ by one or more nucleotides

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ATGAGCCAGCCCAGGCCCGCTACGTGGTAGACAGAGCCGACTACTCCCTTACCCTCTTC
GACGATGAGTTTGAGAAGAAGGACCCGGACATACCCAGTGGGAGAGAACTTCGCAATGCC
TTCAGATGTTCCCTCAGCCAAGATCAAAGCTGTGGTGTGGGGCTGCTGCCTGTGCTCTCC
TGGCTCCCCAAGTACAAGATTAAGACTACATCATTCTGACCTGCTCGGTGGACTCAGC
GGGGATCCATCCAGTCCCACAAGGCATGGCATTGTCTGTGCTGGCCAACCTTCTGTGA
GTCAATGGCCTCTACTCCTCCTTCTCCCTCCTGACCTACTTCTTCTGGGGGTGTT
CACCAGATGGTGCCAGGTACCTTTGCCGTATCAGCATCCTGGTGGGTAACATCTGTCTG
CAGCTGGCCCCAGAGTCGAAATCCAGGTCTTCAACAATGCCACCAATGAGAGCTATGTG
GACACAGCAGCCATGGAGGCTGAGAGGCTGCACGTGTCAGCTACGCTAGCCTGCCTCACC
GCCATCATCCAGATGGGTCTGGGCTTCATGCAGTTTGGCTTTGTGGCCATCTACCTCTCC
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CGTTCCTCCATCCCTACAGAGATGATTGTGGTGGTGGTGGCAACAGCTATCTCCGGGGG
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CAACAGAGGAGGTCTCTATTCATGAAAACCAAGACTGTCTCCCTGCAGGAGCTGCAGCAG
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ACCTTCCACACCTCATCCTGGACATGAGTGGAGTCACTTCTGGACTTGATGGGCATC
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GCTAGAGACGTGACCCCAAGGACACAACCTTCAAGGGGCTCCAGGGGATGCTGAGCTCTCC
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GGACACCTTGACTTCCAGCTTTTACGAGTGAGCCAAAAACAGAAGGACAAGTACAAGTGT
GCTGGCCTGCTGTACAAGCTTCAAAAAGTGTCCAGAGCCACACGGCTCGGTGTCAGAT
GGTGTACGGCTGTACGGACATAG
    
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Restriction Sites: Please inquire

ACCN: NM_134325

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:	<ol style="list-style-type: none"> 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_134325.1</u> , <u>NP_599152.1</u>
RefSeq Size:	4638 bp
RefSeq ORF:	2664 bp
Locus ID:	115019
UniProt ID:	<u>Q7LBE3</u>
Cytogenetics:	1q32.1
Protein Families:	Transmembrane
Gene Summary:	<p>This gene is one member of a family of sulfate/anion transporter genes. Family members are well conserved in their genomic (number and size of exons) and protein (aa length among species) structures yet have markedly different tissue expression patterns. The product of this gene is a highly selective chloride ion channel regulated by WNK kinases. Alternative splicing results in multiple transcript variants encoding differing isoforms.[provided by RefSeq, Dec 2008]</p> <p>Transcript Variant: This variant (2) lacks an internal segment of sequence, compared to variant 1, which causes a frameshift. It encodes a protein (isoform b) with a longer C-terminus than isoform a.</p>