

## Product datasheet for **SC316393**

### SLC17A3 (NM\_001098486) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SLC17A3 (NM_001098486) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC17A3
Synonyms:	GOUT4; NPT4; UAQTL4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene ORF sequence for NM\_001098486 edited  
 ATGGCCACCAAGACAGAGTTGAGTCCCACAGCAAGGGAGAGCAAGAACGCACAAGATATG  
 CAAGTGGATGAGACACTGATCCCCAGGAAAGTTCCAAGTTTATGTTCTGCTCGCTATGGA  
 ATAGCCCTCGTCTTACATTTCTGCAATTTCAACAACGATAGCACAAAATGTCATCATGAAC  
 ATCACCATGGTAGCCATGGTCAACAGCACAAGCCCTCAATCCCAGCTCAATGATTCTCT  
 GAGGTGCTGCCTGTTGACTCATTTGGTGGCCTAAGTAAAGCCCCAAAGAGTCTTCTGCA  
 AAGGCTCTGTGTATGACTGGTCTCCTCAAATCCAAGGCATCATCTTTGGTGCTGTTGGC  
 TATGGTGGCATACTGACAATGGCTCCCAGTGGATACCTGGCTGGAAGAGTAGGAACAAAG  
 CGAGTGGTTGGCATTCTTTGTTGCAACTTCATTTCTCACTCTATGCATCCCTTGCC  
 ACTGACTTTGGAATAGTCTTGTCTATTGTAACCTGAATAGTCCAGGGCCTAAGCCAGTCC  
 TCAATACTTGGGGTCAGTTTGAATTTGGGAAAAGTGGGGCCCTCCACAAGAACGAAGC  
 AGACTCTGCAGCATTGCTTTATCAGGAATGTTACTGGGATGCTTTACTGCCATCCTCATA  
 GGTGGCTTCATTAGTGAACCCCTTGGGTGGCCCTTTGTCTTCTATATCTTTGGAGGTGTT  
 GGCTGTGCTGCTGCCTTCTCTGGTTTGTGTGATTTATGATGACCCCGTTTCTATCCA  
 TGGATAAGCACCTCAGAAAAAGAATACATCATATCCTCCTTGAACAACAGGTCGGGTCT  
 TCTAAGCAGCCTTCCCATCAAAGCTATGCTCAGATCTTACCCATTTGGTCCATATGT  
 TTAGGCTGTTTCAGCCATCAATGGTTAGTTAGCACAATGGTTGTATACATAACCACTTAC  
 ATCAGCTCTGTGTACCATGTTAACATCAGAGACAATGGACTTCTATCTGCCCTTCCCTTTT  
 ATTGTTGCCTGGGTCATAGGCATGGTGGGAGGCTATCTGGCAGATTTCTTCTAACCAAA  
 AAGTTTAGACTCATCACTGTGAGGAAAATTGCCACAATTTTAGGAAGTCTCCCTCTTCA  
 GCACTCATTGTGCTCTGCCTTACCTCAATTCGGCTATATCACAGCAACTGCCTTGCTG  
 ACGCTCTCTTGCGGATTAAGCACATTGTGTGAGTCAAGGATTTATATCAATGTCTTAGAT  
 ATTGCTCCAAGGTATTCCAGTTTCTCATGGGAGCATCAAGAGGATTTTCGAGCATAGCA  
 CCTGTCATTGTACCCACTGTCAGCGGATTTCTTCTTAGTCAGGACCCTGAGTTGGGTGG  
 AGGAATGTCTTCTTGTGCTTTGCCGTTAACCTGTTAGGACTACTTCTACCTCATA  
 TTTGGAGAAGCAGATGTCCAAGAATGGGCTAAAGAGAGAAAACCTCACTCGTTTATGA



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<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_001098486
<b>Insert Size:</b>	1800 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>	The open reading frame of this clone has been fully sequenced and found one SNP, which doesn't change amino acid, within the protein associated with this reference, NM_001098486.1.
<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><a href="#">NM_001098486.1</a></u> , <u><a href="#">NP_001091956.1</a></u>
<b>RefSeq Size:</b>	1808 bp
<b>RefSeq ORF:</b>	1497 bp
<b>Locus ID:</b>	10786
<b>UniProt ID:</b>	<u><a href="#">O00476</a></u>
<b>Cytogenetics:</b>	6p22.2
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	<p>The protein encoded by this gene is a voltage-driven transporter that excretes intracellular urate and organic anions from the blood into renal tubule cells. Two transcript variants encoding different isoforms have been found for this gene. The longer isoform is a plasma membrane protein with transporter activity while the shorter isoform localizes to the endoplasmic reticulum. [provided by RefSeq, Aug 2012]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).</p>