

## Product datasheet for RC205050

### SLC17A3 (NM\_006632) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SLC17A3 (NM_006632) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SLC17A3
Synonyms:	GOUT4; NPT4; UAQTL4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC205050 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCACCAAGACAGAGTTGAGTCCCACAGCAAGGGAGAGCAAGAACGCACAAGATATGCAAGTGGATG  
AGACACTGATCCCAGGAAAGTCCAAGTTTATGTTCTGCTCGCTATGGAATAGCCCTCGTCTTACATTT  
CTGCAATTTACAACGATAGCACAAAATGTCATCATGAACATCACCATGGTAGCCATGGTCAACAGCACA  
AGCCCTCAATCCCAGCTCAATGATTCCTCTGAGGTGCTGCCTGTTGACTCGTTTGGTGGCCTAAGTAAAG  
CCCCAAAGAGTCTTCTACAAAGTCTCAATACTTGGGGTCAAGTTTGAATTTGGGAAAAGTGGGGCCC  
TCCACAAGAACGAAGCAGACTCTGCAGCATTGCTTTATCAGGAATGTTACTGGGATGCTTTACTGCCATC  
CTCATAGGTGGCTTCATTAGTGAACCCCTTGGGTGGCCCTTTGTCTTCTATATCTTTGGAGGTGTTGGCT  
GTGTCTGCTGCCTTCTCTGGTTTGTGATTTATGATGACCCCGTTTCCATCCATGGATAAGCACCTC  
AGAAAAAGAATACATCATATCCTCCTTGAACAACAGGTGGGTCTTCTAAGCAGCCTCTTCCCATCAA  
GCTATGCTCAGATCTCTACCCATTTGGTCCATATGTTTAGGCTGTTTCAGCCATCAATGGTTAGTTAGCA  
CAATGGTTGTATACATACCAACTTACATCAGCTCTGTGTACCATGTTAACATCAGAGACAATGGACTTCT  
ATCTGCCCTTCTTTTATTGTTGCCTGGGTATAGGCATGGTGGGAGGCTATCTGGCAGATTTCTTCTA  
ACCAAAAAGTTTAGACTCATCACTGTGAGGAAAATTGCCACAATTTAGGAAGTCTCCCTCTTCAGC  
TCATTGTCTCTGCCTTACCTCAATCCGGCTATATCACAGCAACTGCCTTGTGACGCTCTCTTGGCGG  
ATTAAGCACATTGTGTCAGTCAGGGATTTATATCAATGCTTAGATATTGCTCCAAGGTATTCCAGTTTT  
CTCATGGGAGCATCAAGAGGATTTTCGAGCATAGCACCTGTCATTGTACCCACTGTGAGCGGATTTCTTC  
TTAGTCAGGACCCTGAGTTTGGGTGGAGGAATGCTTCTTCTTGTGTTGCCGTTAACCTGTTAGGACT  
ACTCTTCTACCTCATATTTGGAGAAGCAGATGTCCAAGAATGGGCTAAAGAGAGAAAACCTCACTCGTTTA

**ACGGT**ACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**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:** [NM\\_006632.3](#), [NP\\_006623.2](#)

**RefSeq Size:** 1574 bp

**RefSeq ORF:** 1263 bp

**Locus ID:** 10786

**UniProt ID:** [O00476](#)

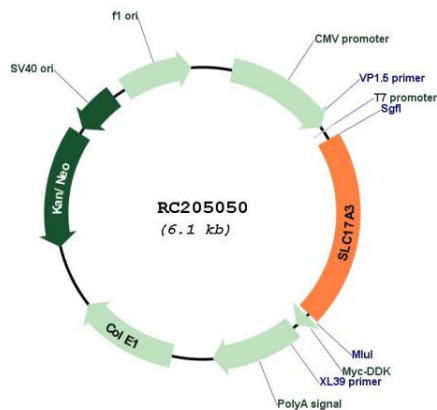
**Cytogenetics:** 6p22.2

**Protein Families:** Transmembrane

**MW:** 46.1 kDa

**Gene Summary:** 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]

### Product images:



Circular map for RC205050