

## Product datasheet for **SC337312**

### SLC26A6 (NM\_001281732) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SLC26A6 (NM_001281732) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC26A6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001281732, the custom clone sequence may differ by one or more nucleotides

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ATGGGGCTGGCGGATGCGTCGGGACCGAGGGACACACAGGCACTGCTGTCTGCAACACAAGCAATGGACC
TGCGGAGGCGAGACTACCACATGGAACGGCCGCTGCTGAACCAGGAGCATTTGGAGGAGCTGGGGCGCTG
GGGCTCAGCACCTAGGACCCACCAGTGGGGACCTGGTTGCAGTGCTCCCGTGCTCGGGCCTATGCCCTT
CTGCTCCAACACCTCCCGTTTTGGTCTGGTTACCCCGGTATCCTGTGCGTGACTGGCTCCTGGGTGACC
TGTTATCCGGCCTGAGTGTGGCCATCATGCAGTTCGCGAGGGCTTGGCCTACGCCCTCCTGGCTGGATT
GCCCCCGTGTGGCCTCTATAGCTCCTTCTACCCTGTCTTCTACTTCTGTTTGGCACTTCCCGG
CACATCTCCGTGGCAACCCAGGACCCCTGCTCTCCTGACTGCCCTGGCCGCCACAGGTGGGGCTG
GGCCTGATCCACTTCGGCTTCGTGGTACCTACCTGTGAGAACCTTGTCCGAGGCTATACCACAGCTG
CAGCTGTGCAGGTCTTCGTCTCACAGCTCAAGTATGTGTTGGCCTCCATCTGAGCAGCCACTCTGGCC
ACTGTCCCTCATCTATTGCTGGAGTCTGCTGGAAGCTGCCCCAGAGCAAGGTTGGCACCGTGGTCACTG
CAGCTGTGGCTGGGGTGGTGTCTGTTGGTGAAGCTGTTGAATGACAAGCTGCAGCAGCAGCTGCCAT
GCCGATACCCGGGAGCTGCTCACGCTCATCGGGGCCACAGGCATCTCCTATGGCATGGGTCTAAAGCAC
AGATTTGAGGTAGATGTCGTGGGCAACATCCCTGCAGGGCTGGTCCCCCAGTGGCCCCAACACCCAGC
TGTCTCAAAGCTCGTGGGACGGCCTTACCATCGCTGTGGTTGGGTTTGCATTGCCATCTCACTGGG
GAAGATCTTCGCCCTGAGGCACGGCTACCGGTGGACAGCAACCAGGAGCTGGTGGCCCTGGGCCTCAGT
AACCTTACGGAGGCATCTCCAGTGTCTCCCGTGAGTTGCTCTATGTCTCGGAGCCTGGTACAGGAGA
GCACCGGGGGCAACTCGCAGGTTGCTGGAGCCATCTTCCCTTTTCATCCTCCTCATATTGTCAAAC
TGGGGAACCTTCCATGACCTGCCAAGGCGTCTGGCAGCCATCATATTGTGAACCTGAAGGGCATG
CTGAGGCAGCTCAGCGACATGCGCTCCCTGGAAGGCCAATCGGGCGGATCTGTTATCTGGCTGGTGA
CCTTACGGCCACCATCTTGTGAACCTGGACCTTGGCTTGGTGGTGGCGTCTTCTCCCTGCTGCT
CGTGGTGGTCCGGACACAGATGCCCCACTACTGTCTGCTGGGACAGGTGCCAGACACGGATATTTACAGA
GATGTGGCAGAGTACTCAGAGGCCAAGGAAGTCCGGGGGTGAAGGTCTTCCGCTCCTCGGCCACCGTGT
ACTTTGCCAATGCTGAGTTCTACAGTGTGCGCTGAAGCAGAGGTGTGGTGTGGATGTCGACTTCTCAT
CTCCAGAAAGAAAGAACTGCTCAAGAAGCAGGAGCAGCTGAAGCTGAAGCAACTGCAGAAAGAGGAGAAG
CTTCGAAACAGGCTGCCTCCCCAAGGGCGCCTCAGTTCCATTAATGTCAACACCAGCCTGAAGACA
TGAGGAGCAACAACGTTGAGGACTGCAAGATGATGCAGGTGAGCTCAGGAGATAAGATGGAAGATGCAAC
AGCCAATGGTCAAGAAGACTCCAAGGCCCAGATGGGTCCACACTGAAGGCCCTGGGCCTGCCTCAGCCA
GACTTCCACAGCCTCATCTGGACCTGGGTGCCCTCTCCTTTGTGGACACTGTGTGCCTCAAGAGCCTGA
AGAATATTTTCCATGACTTCCGGGAGATTGAGGTGGAGGTGTACATGGCGGCCTGCCACAGCCCTGTGGT
CAGCCAGCTTGGAGCTGGGCACTTCTTCGATGCATCCATCACCAAGAAGCATCTCTTTGCCTGTCCAT
GATGCTGTACCTTTGCCCTCCAACACCCGAGGCTGTCCCCGACAGCCCTGTTTCGGTACCAGACTCT
GA
    
```

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001281732

**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:** [NM\\_001281732.1](#), [NP\\_001268661.1](#)

**RefSeq Size:** 2554 bp

**RefSeq ORF:** 2172 bp

**Locus ID:** 65010

**UniProt ID:** [Q9BXS9](#)

**Cytogenetics:** 3p21.31

**Protein Families:** Transmembrane

**Gene Summary:** This gene belongs to the solute carrier 26 family, whose members encode anion transporter proteins. This particular family member encodes a protein involved in transporting chloride, oxalate, sulfate and bicarbonate. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Aug 2013]  
Transcript Variant: This variant (5) has multiple difference in the coding region compared to variant 1. The resulting protein (isoform 5) is shorter but has the same N- and C-termini compared to isoform 1.