

Product datasheet for **SC318223**

SLC26A6 (NM_134426) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC26A6 (NM_134426) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC26A6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



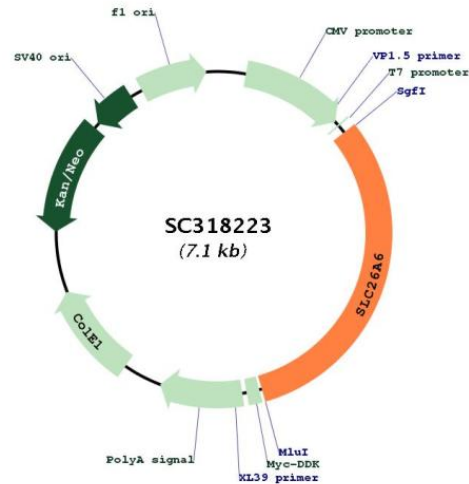
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Fully Sequenced ORF: >SC318223 representing NM_134426.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
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CTGCGGAGGGCAGACTACCACATGGAACGGCCGCTGCTGAACCAGGAGCATTTGGAGGAGCTGGGGCGC
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Restriction Sites: SgfI-MluI

Plasmid Map:


ACCN: NM_134426

Insert Size: 2223 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).

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:

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_134426.2](#)

RefSeq Size: 2605 bp

RefSeq ORF: 2223 bp

Locus ID: 65010

UniProt ID: [Q9BXS9](#)

Cytogenetics: 3p21.31

Domains: Sulfate_transp, STAS

Protein Families: Transmembrane

MW: 80.8 kDa

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 (3) lacks an alternate in-frame exon and uses alternate splice sites for the flanking exons, compared to variant 1. The resulting protein (isoform 3) is shorter and has a unique internal segment, compared to isoform 1.