

Product datasheet for **SC335336**

SLC25A44 (NM_001286184) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC25A44 (NM_001286184) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC25A44
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335336 representing NM_001286184. Blue=Insert sequence Red=Cloning site Green=Tag(s)

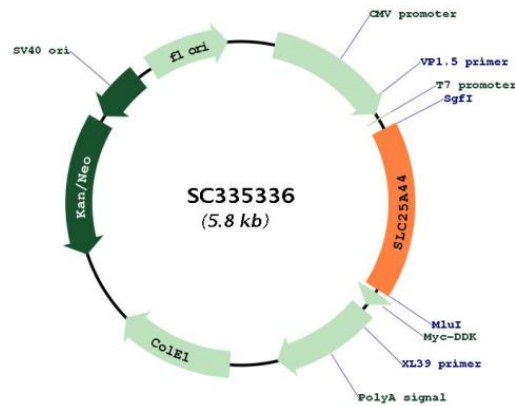
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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGGACAAACGCAACATCCAGATCATCGAGTGGGAACACCTGGACAAGAAGAAGTTCTACGTGTTT
GGTGTGGCAATGACAATGATGATCCGTGTCAAGTGTCTACCCATTCACCCTCATCCGACCCGGTTGCAA
GTTCAGAAGGGGAAGAGCCTCTACCATGGGACCTTCGATGCCTTCATCAAGATCCTGCGAGCAGATGGT
ATCACTGGCCTCTACCGAGGTTCTGGTCAATACCTTCACCCTCATCTCTGGCCAGTGTATGTCAAC
ACTTATGAGCTCACCCGGAAGTTTGTAGCTGACTACAGCCAGAGTAACACAGTCAATCACTGGTGGT
GGTGGCTCAGCTCCCTTGTGGCCAGAGCATCACAGTGCCCATGATGTAGTCTCCAGCACCTGATG
ATGCAACGCAAGGTTGAGAAAATGGGCCGCTTTCAGGTGCGGGGAACCCAGAGGGACAAGGGGTAGTT
GCCTTTGGCCAAACCAAGGACATCATCAGGCAGATCCTGCAGGCTGATGGACTTCGCGGCTTCTATCGA
GGCTATGTGGCTTCACTGCTTACCTATATCCCAAACAGTGTCTGTGGTGGCCCTTCTATCACTTCTAT
GCAGCCATTGTCTTCCCTGGATTCCAGAGCAGCTCTCTACCTGTGCTAAGGAGTGCCTCACATT
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TAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_001286184

Insert Size: 969 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).

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_001286184.1](#)

RefSeq Size: 3684 bp

RefSeq ORF: 969 bp

Locus ID: 9673

UniProt ID: [Q96H78](#)

Cytogenetics:	1q22
Protein Families:	Druggable Genome, Transmembrane
MW:	36.3 kDa
Gene Summary:	<p>SLC25A44 belongs to the SLC25 family of mitochondrial carrier proteins (Haitina et al., 2006 [PubMed 16949250]).[supplied by OMIM, Mar 2008]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>