

Product datasheet for **SC309806**

SLC25A35 (NM_201520) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC25A35 (NM_201520) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC25A35
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC309806 representing NM_201520. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**
ATGGACTTCTTGATGAGTGGCCTGGCAGCCTGCGGGGCTGTGTATTCACCAATCCCCTGGAGGTGGTG
AAGACCAGGATGCAGTTGCAAGGAGAACTGCAGGCCCTGGCACATACCAGCGGCACTACCGAAATGTC
TTCCATGCCTTCATCACCATCGGCAAGGTGGATGGCCTTGCTGCCCTGCAGAAAGGCTGGCCCCCGCC
CTCTTGATACAGTTCCTGATGAATGGCATCCGACTGGGCACCTATGGGCTGGCTGAGGCTGGGGGCTAC
CTGCACACAGCCGAAGGCACCCACAGTCCTGCCCGCAGCGCAGCAGCTGGGGCCATGGCTGGGGTCATG
GGAGCCTACTTGGGGAGCCCCATCTACATGGTGAAGACACACCTGCAGGCACAGGCAGCCTCAGAAATT
GCTGTAGGGCACCAAGTATAAGCATCAGGGCATGTTTCAGGCGCTAACCGAGATTGGCCAGAAACATGGT
CTGGTGGGGTTATGGCGTGGGGCTCTGGCGGCCCTGCCCGAGTTATCGTCGGTTCCTCCACCCAGCTG
TGCACCTTCTCATCCACCAAGGACCTCCTGAGCCAGTGGGAGATCTTCTCCCCAGAGCTGGAAGTTG
GCGCTGGTGGCTGCCATGATGAGTGGCATTGCAGTTGTCTTGGCCATGGCACCTTTGATGTGGCCTGC
ACAAGGCTCTACAACAGCCACAGATGCACAGGGCAAGAACCGAGTCCCAAGTTCTCAGCAACATCA
TGCAGTGCTTCAGCGCCTTACTGGGGACCAAGATGTTAGGATCGTGAAGGGTCAGACTGGTCACCAG
CTGTTCAAAGTCACCCAGGCTCCAGGGTCAGCCCGATTCTCTGGGAACCCAGTCA**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_201520
Insert Size:	888 bp



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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:	<u>NM_201520.2</u>
RefSeq Size:	3305 bp
RefSeq ORF:	888 bp
Locus ID:	399512
UniProt ID:	<u>Q3KQZ1</u>
Cytogenetics:	17p13.1
MW:	31.3 kDa
Gene Summary:	SLC25A35 belongs to the SLC25 family of mitochondrial carrier proteins (Haitina et al., 2006 [PubMed 16949250]).[supplied by OMIM, Mar 2008] Transcript Variant: This variant (2) differs in the 3' structure compared to variant 1. The encoded isoform (b) has a distinct C-terminus, and is shorter than isoform a. Variants 2 through 4 encode the same isoform.