

Product datasheet for **SC324179**

SLC25A43 (NM_145305) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC25A43 (NM_145305) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC25A43
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_145305.1
 CAGGGAGGGGCGGCGGGGGCGCACTGAACATTTAGGAAGCAAGATGTCTAGCAGGCTGGG
 CCTTGAGAGAACAGTAACTGTTTCGCAACTGAAAGTCGCTACTCGAGCCTTGCCAACTGG
 GGAGACTATGCCCATGATATCCGCGGCCTCGGACCCCGGACCCTCCAGGCCCTCGCGCCC
 CACCCCGACAGCCTCGGGCCAGGCTAGGGCGTAGACGGGGCTTCCCGTCCCTACGCG
 GGCCCCCCCATGCCGGGCGGGCCTGGGGCCCCGCCCTCCGCCGTGGCCGGAGAGCC
 CCAGGCCCGAGCCACGCGGTCTTCCGGGCCGGGTGCGGGCTCAATGGCTACGTGGAGGC
 GGGACGGCCGACTGACAGGCGGCCAAAGGCTGCTGTGCGCTGGGCTGGCGGGACGCTCA
 GCCTCAGCCTCACCGCGCCCCTGGAGCTCGCCACCGTGTGGCCAGGTTGGCGTGTGC
 GAGGCCACGCCGGGACCGTGGGCCACAGGGCACCGGGTGTGGCGGGCAGAGGGGCTCC
 GGGCCCTGTGGAAGGGGAACGCGGTGGCGTGCCTGCGCCTCTTCCCTGCAGCGCCGTGC
 AGCTCGCCGCTACCGCAAATTTGTTGTCTGTTACAGATGACCTGGGCCACATTTCCC
 AGTGGAGTCCATCATGGCTGGGAGTCTCGCAGGCATGGTTTCCACCATTGTAACATATC
 CTACAGACCTCATAAAACCCGGTTGATCATGCAGAACAATACTGGAACCATCGTACAGGG
 GGCTCCTCCATGCTTTTTCTACTATTTACCAACAGGAAGGGTTCCTTGCCCTTTATCGAG
 GGGTTTCCCTCACTGTTGTAGGTGCTCTCCCGTCTCTGTGGCTCCCTTCTGTTTACA
 TGAACCTGGAGAAAATCTGGAACGGACCCCGAGATCAGTTCTCTCTCCCACAGAATTTG
 CTAATGTCTGTCTGGCTGCTGCAGTGACCCAGACCCTCTCCTTTCCCTTTGAGACCGTGA
 AGAGAAAGATGCAGGCTCAGAGCCCTACCTCCCACACAGTGGAGGAGTAGATGTCCATT
 TCTCAGGAGCAGTGGACTGCTTCCGGCAGATAGTGAAGGCCCAGGGGGTCTGGGGCTCT
 GGAATGGATTGACAGCCAATTTACTGAAGATAGTCCATATTTTGAATTATGTTTAGCA
 CCTTTGAGTTCTCAAGAGAATCTGTCTTTATCAAAATGGTTACATTCTGTCTCCACTGA
 GCTATAAATGACCCAGGAGTCGATCAGAGTTTGCAGCCCCAGGAATTACGAGAATTA
 AGAAGTTCTTCAAACGAGAAAACCTGAAGCCTAAAAACCAACTCTATAAAATGGAATGG
 AACTAGAAGTGCCTGACTGACAGCATGTTGCAATCACAGATAAATGTAGCCTCATAACT
 GTGCACCTGAGGAGGGATGAGAAGTACTGCTATCTGCTGCTCTGGGAAATGAGATGGTT
 TGGCCATGCACCACCTCAGATCTCCAACTGATGTCCCTGTGAACACCTGCACTATGAGA
 AGGTTTCCCAACAAGAGTGTATCATGATGGCATTCCACGAGATTTTATAACCAGAGTCTA
 GCAGTGATAAAATGTACAATTTACGCTCTGAATAGAAACATGGCACCAAGAAAGGGCAT
 TGCCATGACATCTCAAAGCAACAGGTAATTGAAGTGGCTGAGTGGATACCAGTTGTGAG
 GTCAGCCACTGGGTCACTTGTAGTCAATGCAAAGCTTGCAAAACCAACGTCAGCCTAGT
 TCACTCAGTTTGACCTGAGACTTCCAATACAATCTGTTGTTTTGTTTTGTTTTAGAG
 ACAGGGTCTTGCTCTGTACCCAGACTGGAGTACAATGACACAATCATAGCTCACTGCAG
 CCTTAACTACTGGGCTCAAGACATCCTCCTGCTTCAAGCCTCCAGAGAGTTGGGACCATA
 GGTGCACACCACCACCTAGCTAATTTTTGGGGAGGTCTTGCTATGTTGCCAGGCTG
 GTCTTGAACCTCTGGGCTCATGCAATCCTCCTGCCTGGCCTCCCAAAGCGCTAGGATTA
 GAGGTGTGAGCCGCTGCACCCTGCCAGTACAATCTTTTTGAACTCAAATTTTTGCTG
 ACATCTGAGTGCACACCACAGTGTAAATTATGCCTTATCAGAATCTAAATGAAAATAG
 CGAACATTTAAAAGCTATCACCATTGTAGTAGAATCATCCTTCTTTTTGAAATTTGAAG
 CATCCCAGGCTTAAAATCTTGTTTTCAGAAAGACAGTTTATACCATGACTGCTTAATTA
 TCCCCCAAAGACCTTCTGATTGAAGTCATGTACAGTTCAAGTGGCCTAAATTTCTGCTCT
 TTTAACTTGCTTTGCAAGCCTACTCTGAAAATAAGTTATTTAGTCAAGTTATTCTCAA
 GATGTCCCAGTTGCCTAGAAAGGATCAAATGGAACATTTGACACACATACTCAAAAAAT
 GTAAGTACTATAAACACTTTAACCTAATCATCTGTATCAAACCTTTCTAAAAATCAAATC
 TCAGGATTGTTCCACTTTAGAGATTCTATGTAAGTTTATATAACTATACTTGCAATA
 GCACCTATCTATGCATTTAAAAATGCATTAATATCTAACATAAAATTTGTAATTTATACA
 CACACATACACTTATACATAGAGAGAGATTTTCGGTATGTTGCAAGTATTTTTCCGATT
 AAATTTATTTTCAAAAAAAAAAAAAA

Restriction Sites: ECoRI-NOT

ACCN: NM_145305

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:	<ol style="list-style-type: none">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_145305.1</u> , <u>NP_660348.1</u>
RefSeq Size:	2788 bp
RefSeq ORF:	1026 bp
Locus ID:	203427
UniProt ID:	<u>Q8WUT9</u>
Cytogenetics:	Xq24
Domains:	mito_carr
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	This gene encodes a member of the mitochondrial carrier family of proteins.[provided by RefSeq, Dec 2009]