

Product datasheet for **SC126400**

SLC25A45 (BC036869) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC25A45 (BC036869) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC25A45
Synonyms:	AW491445; solute carrier family 25, member 45
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF: >OriGene sequence for BC036869 edited
 GAATGGTGCCATTGCAGATCAACACGCACTTTAAATAATCAAACCCTATCTTTCCCCT
 GGAAGGAGGAAGCCGAGGAAGGCTGTGTTTCTGACTCACACGGGGAGTCGGGGGAGTC
 GTAACAACCCTGAAGAGAACAGCCAGGCTGGCGCTCTGGGCTTGGTCTGGGACACC
 GTTTGACACTGTAAGGTGAGGCTGCAGACCCAGACCCTACCGGGGCATCGTTGATTG
 CATGGTCAAGATTTACCGCATGAGTCCCTCCTGGGCTTCTTCAAGGGAATGAGCTTCCC
 CATTGCCAGCATAGCTGTGGTCAACTCTGTCTGTTTGGGGTCTATAGCAACACCCTGCT
 GGTGCTCACGGCCACCTCCACCCAGGAGCGGGCCAGCCGCCAGCTACATGCACAT
 CTTCTAGCGGGCTGCACCGGGGGTTCCTGCAGGCTACTGTCTGGCTCCTTTTGACCT
 CATCAAAGTCCGGCTACAAAACCAGACAGACCAAGGGCCAGCCAGGGAGCCCCCACC
 CCGGTACCAGGGGCCGTGACTGTGCAGCCTCCATCTCCGGGAGGAGGGGCCCGGGG
 GCTGTTCCGAGGAGCCTGGGCCCTGACGCTGAGGGACACCCACGGTGGGGATCTACTT
 CATCACCTATGAAGGGCTCTGTCGCCAGTACACACCAGAAGGCCAGAATCCCAGCTCAGC
 CACGGTGTGGTGGCAGGGGGCTTGCAGGCATTGCTTCTGGTGGCAGCCACGCCCTT
 AGACGTGATCAAGTCCCGGATGCAGATGGATGGACTGAGACGCAGAGTGTACCAGGGAT
 GCTGGACTGCATGGTGGCAGCATCCGGCAGGAAGGACTGGGAGTCTTCTCCGGGGGT
 CACCATCAACAGTGCCCGCGCCTTTCCCGTCAATGCTGTACCTTCTCAGCTACGAATA
 TCTCTCCGCTGGTGGGGATGAGCCCTGCGGAATGCCAGCAGCTCCCCATCAGGCCAC
 GCCTGGAGGCCAGTTTGAGATTGGAGGCCAGGTTGAAAGCTTGCAAATCAGTGAAGAG
 GCTCAGCCCTTCCAAACAGGTGCCTCCACCCGCGCAGATCTGGGCTGGGAGACACC
 TGTGGGAGCCGGAAGCCAGGGGGCTGTGCAGCCTCCCTGTGTAGCTGGCCTTACTCCT
 TTGCCATCCACATCTGTGAAACAGGGAGCATGAGGCACAAGTGAAGTGGCAAGTGGTGT
 GGTGACATCCAGCTCCTGTCTGTGCTCACCCAGGCTGGAATGCAGTGGCGTGATCTCGGCTCA
 CTGCAACCTCCGCTTTCCACCTTCCGGGTTCAAGCAACTCTCCTGCCTCAGCCTCCCAA
 GTAGCTGGGACTATAGGCGCCGCCACCACCCAGCTAAATTTTGTATTTTAGTAGA
 GACAGGGTTTCCCATGTGAGCCAGGATGGTCTTGATCTCCTGACTTTGTGATCCGCCCG
 CGTCCGCTCTCAAAGTGTGGGATTACAGGCGTGAGCCACCGCGCCCGGCTGCCTTAC
 CTCTTAAGGAGCTCTGAGACTCCACTTCTGAGAGTCCCTGCGGCCTCCACCTCCCTGCC
 TTTCAAAGCTCTCTCCCATGACCCAGGATAACCCTATGTCTCCTCCCCAGAATCCTT
 CAGTGGCTCTCATACCTTCAGGAAAAGCCAACTCCTTCCACCCTCCAGGTTCTCTCC
 TCCCCACGAGGCTTTGTTCTCCTGGGGTGTCTTCTGGACCCTGAACAAGTTGTGCTCTC
 ATTGGCCGGGCTGGCCAGCAGTGCACAGTGCCTGGCAGGTTGACTCTACCATCCCCGGG
 GCTGGCCCCGCTCTCCTCCGAGACCCAGGCTGAGCCCAGTCCCCTCACCTTCTTGACT
 TACCTCCCCACCTGAGGCTGACTTTGGGGTCCCAGACACCCATCCACACACATGCCTT
 GATCATAGCACTGCCTGCGCTTCTTCCAGATCATTAAATTTGCTTCTCGGCTTCCCCACT
 GGACTGTGAGCTGCCTGAGGTGAGGATTGCGCTTTGGATGGTTCCAGCCTGAGCCTGG
 TGCTTGAACAGACGTGTGCAATAAATGCTCGTTAAATGAAAAAAAAAAAAAAAAAAAAAA
 AA

Restriction Sites: NotI-NotI

ACCN: BC036869

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: [BC036869.1](#), [AAH36869.1](#)

RefSeq Size: 2275 bp

Locus ID: 283130

Cytogenetics: 11q13.1

Protein Families: Druggable Genome, Transmembrane

Gene Summary: SLC25A45 belongs to the SLC25 family of mitochondrial carrier proteins (Haitina et al., 2006 [PubMed 16949250]).[supplied by OMIM, Mar 2008]