

Product datasheet for **SC321682**

SLC25A40 (NM_018843) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC25A40 (NM_018843) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC25A40
Synonyms:	MCFP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_018843.2

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GCCTTCTGCCCGAGTGGTGGCTACTGATGTTACAAACAATAAAATATTGGAGCATAGA
GTTGAAGAACAGACTCAAACAGGTTTTTATTTAATTAGTTAAAAATATGGATCCTGAGA
CAAGGGGACAAGAGATTATCAAAGTGACACCTCTTCAACAAATGCTTGCCTCATGTACTG
GAGCTATACTGACATCAGTAATAGTGACACCCCTGGATGTTGTTAAAATTAGACTCCAAG
CCCAAAACAACCACTCCCAAGGAAAATGTTTTGTATATAGTAATGGACTCATGGATC
ATCTATGTGTCTGTGAAGAGGGAGGCAACAACTATGGTATAAGAAGCCAGGAAATTTCC
AGGGAACATTGGATGCATTTTTTAAATCATTGAAATGAGGGCATTAAATCTCTATGGA
GTGGCCTTCTCTACCCTAGTGATGGCAGTTCCTGCCACAGTTATTTATTTACCTGCT
ATGATCAATTAAGTGCTCTTCTGAGATCTAAGTTAGGAGAAAATGAAACCTGCATACCAA
TTGTTGCTGGAATTGTAGCCAGATTTGGTGCAGTAAGTGTGATAAGTCCACTAGAATTGA
TTAGAACCAAGATGCAGTCCAAGAAGTTTTCTTACGTGGAAGTGCATCGATTTGTCAGCA
AGAAAGTATCTGAAGATGGTTGGATTTCCCTTTGGAGGGGCTGGGCTCCTACTGTTCTTA
GAGATGTACCTTTCTCAGCAATGTACTGGTATACTATGAAATTTTAAAGAGTGGTTAT
GTGAGAAATCTGGTTTATATGAGCCAACATTTATGATCAACTTTACTTCAGGGGCATTGT
CTGGTTCTTTTGCTGCTGTTGCAACTTTACCATTTGATGTAGTAAAAACACAAAAGCAGA
CACAACCTTTGGACATATGAAAGTCATAAAATTTCTATGCCTTTGCATATGTCAACCTGGA
TTATAATGAAGAACATTGTTGCTAAAAATGGATTTTCCGATTATTTTCAGGCCTAATTC
CTCGCTTAATTAATTAATGCTCCTGCTTGTGCCATTATGATCAGTACATATGAATTTGGAA
AGGCTTTTTTCCAGAAACAAAATGTTTCAAGGCAGCAATACTAGTGATGCTGTTTCAACT
TGAAACAACAACATATAGCCAAAGAGATGGAGACTCTTAGGCAAGAATGTTTTTACCAT
TATTCTCTCACAATGATTTTATGTCTTTCTTCTATAATTTAAATAAATAATTCAGCT
CTACCTCTAAAAAAAAAAAAAAAA
  
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Restriction Sites:	Please inquire
ACCN:	NM_018843


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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_018843.2, NP_061331.2</u>
RefSeq Size:	1515 bp
RefSeq ORF:	1017 bp
Locus ID:	55972
UniProt ID:	<u>Q8TBP6</u>
Cytogenetics:	7q21.12
Domains:	mito_carr
Protein Families:	Druggable Genome
Gene Summary:	SLC25A40 belongs to the SLC25 family of mitochondrial carrier proteins (Haitina et al., 2006 [PubMed 16949250]).[supplied by OMIM, Mar 2008]