

Product datasheet for **SC209004**

SLC25A37 (NM_016612) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	SLC25A37
Synonyms:	HT015; MFRN; MFRN1; MSC; MSCP; PRO1278; PRO1584; PRO2217
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PSI00062)
ACCN:	NM_016612
Insert Size:	2000 bp



Insert Sequence:

>SC209004 3'UTR clone of NM_016612

The sequence shown below is from the reference sequence of NM_016612. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CGCCAGCTGGAAAATCGAGCTCCATACAAAGGAAGGGATCATAGAATCTTTTCTTAAAGTCATTCTCT
GCCTGCATCCAGCCCTTGCCCTCTCTCACACGTAGATCATTTTTTTTTTGCAGGGTGCTGCCTATGG
GCCCTCTGCTCCCAATGCCTTAGAGAGAGGAGGGGACGGCACGGCCGCTACCGGAAGGCTGTGTGCG
GGGACATCCGAGGTGGTGGTGGACAGGAAGGACTTGGGAAGGGGAGCGAGAAATTGCTTTTTCTCTCC
TCCCTGGGCAGAAATGTAGCTTTTCTGCTTCACTGTGGCAGCTCCTCCCTGGATCCTTAGATCCCAAG
GAGGGAAGAAAATTTGCAGTGAAGTAAACAGTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAATTTATGTATATAAAGTTGCATTACACAGTACAAAATAGATGGATAATGTTTATCTTTTA
TTTTTCTATGTAGAAGTTTTGAATTTGTGTGTGCTTGTGCGTGTCTACACCTAGTATTACGGCTGG
GACTCTCCAGCTGTTTTGTTGTTGTATGTTTTTAAGAGGGTTGAATCTTCCATCAGGTGAACGAAA
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ACTTGAATGTAATAATAAAGTTTATATTTTGAATTTCTCTTTTATGGGGGAAAAAGGTACGTTAA
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CATGTGCCTTTTTCTTTGTCTTTCCCAAAATTCAGGACCAGAGATCTGGCCCTGGCCTATTTTCTC
TTGCTGTGTACACACACGACACATGCTGGGTGGCAGGATCTCGCCCGCTGGAGGGTGGTGGAGCCAG
TAGAATTGGGTGACTGGGCATAAACCTGCTGAGACTGCTTCTTCCCTGGTGTGAGTGATGTGAATG
CCTGCCTTCCCGGTGAGCACTTAGAAGCCCTTGATAGGCAGCATTGGCGACTTGTGGGCAGGTGTT
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CTCCAGTCTTTGTCCCTGTCTGTGCCAACCATTAATCTCATGTACAGCTTCTCACTGCATGTGACA
AGAGCCAGGCCTATCTGCTAGGGCCCTGCGGCTGAGGTCTGACCTGGACCCTCATGCCGAGTCGGAAG
ACCCCTCTCCAGAAGCCATTCTGCATCCTTGTCTGCTGCTGCGTCACCCGAGAACACAGGCTTCGACGCC
TCGCTTTCTGAAATGGTGTGTGCCGAGTCAGATTGCCGCTCAGAGAAAATACAAGCCGTTTTCCCTAG
CTGTGCCATTTGGTGTCTGCCAGGCTGCCGTGCAAGGGAATACCGACGAGACGAGCTGCACTGTCTCT
GATTTGGAGCCCTCACCGAGCTTGTCTTTAAAAATGAGCAGGAAGCTCATGTATGTTGCATTTTCACT
GAGCCGGGTCTGACCTGCCGCCACCCATCACGGTCAGCGTGGTGCATCTTACCGAGGAGGCGCAGGCC
TGGATTCTTTTGAAGTGTGCTACTGCCTAGGAAGTAACACGTGGAGAATTTCCATCTTGGGACCATGCA
CACAGTGCCTTGGGGAGTAGATTTGCCCTAATAGCGATGAAGAATTTATCAGTCAGTGGAGTTCCCTT
TTTCAGATCAGGGATGGGAAAGAGCCAACTGGGTACCTCCACGTGTGCCCGTGAACAGCCCTTTGC
AGCTGGGCTGTGGGGCTTGGCTGCTGCCCTGTCCCATCTGGCAGTTAACGCCTTCTCCCTGTCTGCC
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
    
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Restriction Sites:

SgfI-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:	<u>NM_016612.4</u>
Summary:	SLC25A37 is a solute carrier localized in the mitochondrial inner membrane. It functions as an essential iron importer for the synthesis of mitochondrial heme and iron-sulfur clusters (summary by Chen et al., 2009 [PubMed 19805291]).[supplied by OMIM, Jan 2011]
Locus ID:	51312
MW:	74.2