

Product datasheet for **SC214964**

ISCA1 (NM_030940) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ISCA1 (NM_030940) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ISCA1
Synonyms:	HBLD2; hIscA; ISA1; MMDS5
ACCN:	NM_030940
Insert Size:	1527 bp



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Insert Sequence: >SC214964 3'UTR clone of NM_030940
The sequence shown below is from the reference sequence of NM_030940. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TGTGGCTGTGGAGAAAGCTTTAATATTGAAATCTCAGGACTCTTCTGGCCGTAGTTCCAGGAAAGCT
CGTGGAAGCTTTGGGGCTCACTGCAGAAATCATGTGACTGTACGTGCTGGAAAAATAAGTGATACATC
TTGAAAATGAATCCAGTGTGTTGGATTCCAGAAGAAATGATATTTATATTCTCTATAGGGGACAGAAAA
TGAGAAGCCATCACTCTTTTGGATCATTTAGGTCTCTTGTATCCTTTGTTTTAGAACAGTTTCATTA
AAGTTGCCTTCTGGGCACCTGTTTATCCATTTCTGAAGTGTGTGACTCCTTAGATCGCTATTGATG
GCTTGATCATCCCTCAGCATTTCTCCAACCAGATCGGTGACTCCTAAAACTGAGACAGGACATCGTG
ACTGCTGGTAGTAATATGGTGGTGCATTGTTTTTCCACCCAACTTAACATAGCCTTTTTATACATTT
TTATGAAAAATTTCAATTGTCAGCTGCCTCACTGCATACTTTAATAGTACCAGGCAAAGATTTTCTTC
AACTATAGTACAGATTAGTTCTGAGTGTGGTATCAAAAGGTGAGAAAGACGTCATCCGCCTTTTTTTA
ATCCATTTCTTTTGCACCCATATGTCTGTTCAGAGATGGGCTCTCAAGCTGACTTTGATTCTTTTAG
TTGAGAAGTCTCTTAAAGCCATCTAGCCCACCTCCATCAATCCCTATGTGAGGAAGCAAAACCCAGG
GAAGCCAAAGGGCTCCTGTCCACCCTGACACCACAGGCCGGGGGAGAGTAGGGACTTACCCCTCTC
CCCTTGTAGGTGACACATGCTCTGCCCTGAGGCAGTCAGCGAAGGCAAATGGTCTGACTTCTTTATG
TGGTCAACATTTTGATAGAATTTCTTTAATTTGATAGAGATTATATTTTTATTTTATTTTATTTGAGT
GGGAAGAATTTTAAAACCTTTTTATGTCAATTACCATCTTGTTTCTTTTCCACCTTTGAAACAATGGTTG
TAGCAGAGATGACATTGTAGCAACCAGAATTATGCTTTTGGAAATGGTCCCTCACTGTACAGGAGAA
GTGTAATCTTTTGTAAAATCCAGTGTGCATACATTTTCTGGTTCCTCGGTCCAGTTGCTAAAGTTC
TTAGTATTTTAGCCTAACATATTTATCACCAACTTTTCTTTAAAAGTGTTCCTTTTGTCACTTAGTTAC
TGATTTTCTGGGTTTGACATAAGTATTCTATGAGATGATATATATGCTTTTTTTGAAAGCTGATTCTC
ATGAATCAAGTAGCTGAGTTTCTTTATGTTTCGTTTATTCACTAAAGTAGCTGACACAAAAACACCA
AAACCTAGAGCGGTAGTTTATGTAATGCTCATGAGTTTGTATCAATAATAAATTGTTGATCCACTT
ATAATTCGTGCAACACTGTATGTATGTAGAGATTGAGTTGTCAATTAATAAAAAATGTGGCCTCTTTGTG
ATCATAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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.

RefSeq: [NM_030940.4](#)

Summary: ISCA1 is a mitochondrial protein involved in the biogenesis and assembly of iron-sulfur clusters, which play a role in electron-transfer reactions (Cozar-Castellano et al., 2004 [PubMed 15262227]).[supplied by OMIM, Mar 2008]

Locus ID: 81689

MW: 58.1