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Product datasheet for SC206548

ISCU (NM_213595) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ISCU (NM_213595) Human 3' UTR Clone
Symbol:	ISCU
Synonyms:	2310020H20Rik; HML; hnifU; ISU2; NIFU; NIFUN
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_213595
Insert Size:	482 bp
Insert Sequence:	>SC206548 3'UTR clone of NM_213595 The sequence shown below is from the reference sequence of NM_213595. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CCCAAAAAAGGAGAGGCAGAGAAGAAATGAGCCCTCCCTCGGCGAAGCCTCCAGCAGGCCACACCAGCT GTTTCCCACCTGCTGTGCAGTCACCTTAGATGTTCAGAAGCCGCTTCCTCTCCACTGAAGAGCTATGAG ATACGCACAATACTTGCTGTTCACGTTATGACTCTCATGCAAGCAAAATACACAGTTTCATTGTTCTGA ATCCTGTGGTTTCTTTCAGCCCACTTTTATCGCCTTAACCTAGTTAATGTATATTTTGAATTGTGTGTA TGACCTCAGAACTGAAATTGATAATGAAGTTGCAAGTTTTGATAGCCCGTGAAGTGCATAAGTATCTAA TTTTACCTGAATTGATTTGGGGGGAAATTACCAGTAGAATGCCTTGGTCTGAATATTTGATAGAACCAA TTGTTGTACATAAAACAGATTGCGCATATATATATATGTATAAAAAATAATAAAATAATGGAAGATGA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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.

View online »

RefSeq:	NM_213595.4
Summary:	This gene encodes a component of the iron-sulfur (Fe-S) cluster scaffold. Fe-S clusters are cofactors that play a role in the function of a diverse set of enzymes, including those that regulate metabolism, iron homeostasis, and oxidative stress response. Alternative splicing results in transcript variants encoding different protein isoforms that localize either to the cytosol or to the mitochondrion. Mutations in this gene have been found in patients with hereditary myopathy with lactic acidosis. A disease-associated mutation in an intron may activate a cryptic splice site, resulting in the production of a splice variant encoding a putatively non-functional protein. A pseudogene of this gene is present on chromosome 1. [provided by RefSeq, Feb 2016]
Locus ID:	23479
MW:	18.4