

Product datasheet for **SC207984**

NISCH (NM_007184) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: NISCH (NM_007184) Human 3' UTR Clone
Symbol: NISCH
Synonyms: hIRAS; I-1; IR1; IRAS
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_007184
Insert Size: 616 bp

Insert Sequence: >SC207984 3'UTR clone of NM_007184
 The sequence shown below is from the reference sequence of NM_007184. 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
CGTGAGCTGCCTGTCGAGCTCACCGGCTAGCCCAGGCCACAGCCAGCCTGTCGTGTCCAGCCTGACGCC
TACTGGGGCAGGGCAGCAGGCTTTTGTGTTCTCTAAAAATGTTTTATCCTCCCTTTGGTACCTTAATTT
GACTGTCCTCGCAGAGAATGTGAACATGTGTGTGTTGTGTTAATTCTTTCTCATGTTGGGAGTGAGA
ATGCCGGGCCCTCAGGGCTGTCGGTGTGCTGTCAGCCTCCACAGGTGGTACAGCCGTGCACACCAGT
GTCGTGTCTGCTGTTGTGGGACCGTTGTTAACAGTGACACTGTGGGTCTGACTTTCTCTTACACGT
CCTTTCCTGAAGTGTGAGTCCAGTCCCTTTGTTGCTGTTGCTGTTGCTGTTGCTGTTGCTGTTGCTGTT
GGCATCTTGCTGCTAATCCTGAGGCTGGTAGCAGAATGCACATTGGAAGCTCCCACCCCATATTGTTCT
TCAAAGTGGAGGTCTCCCTGATCCAGACAAGTGGGAGAGCCCGTGGGGCAGGGGACCTGGAGCTGCC
AGCACCAAGCGTGATTCTGCTGCTGTATTCTCTATTCCAATAAAGCAGAGTTTGACACCGTC
ACGCGTAAGCGGCCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-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).



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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_007184.4
Summary:	<p>This gene encodes a nonadrenergic imidazoline-1 receptor protein that localizes to the cytosol and anchors to the inner layer of the plasma membrane. The orthologous mouse protein has been shown to influence cytoskeletal organization and cell migration by binding to alpha-5-beta-1 integrin. In humans, this protein has been shown to bind to the adapter insulin receptor substrate 4 (IRS4) to mediate translocation of alpha-5 integrin from the cell membrane to endosomes. Expression of this protein was reduced in human breast cancers while its overexpression reduced tumor growth and metastasis; possibly by limiting the expression of alpha-5 integrin. In human cardiac tissue, this gene was found to affect cell growth and death while in neural tissue it affected neuronal growth and differentiation. Alternative splicing results in multiple transcript variants encoding different isoforms. Some isoforms lack the expected C-terminal domains of a functional imidazoline receptor. [provided by RefSeq, Jan 2013]</p>
Locus ID:	11188
MW:	22.1