

Product datasheet for **SC204925**

NIT2 (NM_020202) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NIT2 (NM_020202) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NIT2
Synonyms:	HEL-S-8a
ACCN:	NM_020202
Insert Size:	2000 bp



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Insert Sequence:

>SC204925 3'UTR clone of NM_020202

The sequence shown below is from the reference sequence of NM_020202. 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
CTCTATGCTGTGGAGATGAAAAAGCCCTAAAGTTTATGTTTCTAATGTGTACAGAAATAGGACGATATG
ATTCTACAACATAATCAACTCCCTATTAATTTCTTTAATGAAGATTTTTTTTTTAATTCGCCTTGTC
TTCCTAGTTCTCTATTGAGATGAGAAAGCCTCATTATGCTGACATTTTCCACGCCACATTAATAGTT
AAAAAGGATGCAGCCTGGAGCCAGAGAGCAGAAAGCTGGGCTGGTTCTGAAGCTTCTCCATACTTAAG
TTGCCTCAAGCAGTTTGTGAAAGTATCAGATCTTGGTATCCTGGTGATTGATTCACCTAATATAAATA
TATTTGTGTCATGAACCTCTTATCCCGTTGCTGGAGTTGTAATCTCCATCATCTAGAAAACGTGGTCTG
GTGCTATTCTTTTCCAAGCAGTACCTTGAAGTTCCATTTTGGTTCATGAGTAGCTATAGAACGCAAGG
TGATACATCTTTGGTGTGGCCAGAGAAGTTGGCAGCCCCACCCCTCTACCAGCCTTTCGACTCTTCA
AATTTAAAAAGGAGCTACTTATCAACCCAGGCCCTTCTGGTCTTAGAGGAAGGACTGGGCAACAAG
AGCACCATGGGAGAATGGCAGTGGTGGCATTAGTGAAGACAATTTAGTATGAATGTCTGCAAAAAGATT
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TAGCTCCACGGATAAGGAATCACTGAACCTAGTAGTTCTTAGACAGCTTGGTTTGAGAATCCTTTTGCG
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GTAGGAGGATCCCTTGAGTCCACAAGTTGAGTTCAGCCAGAGACCCTATCTCACTATATATATGTATC
TCAAAGACTTCAATGGGTTTTGCTTACATGGCCAGTAATTGTTGAACAACAGCTATTTGAGAAAA
GCCCTGATTTTGGTCTTTTTCATGGTGTAAATACTTAACCATGGCTGAGTTTGAGCTATCTGCATGACA
CCTCTAAACACAGAGTTGGGAATAGATGTGCACAATCAGCTCTGGGGAGCTGGTGAATCCTGCCCTAG
CACACCACTGGTTAAGATAGATATATCATATAGATATTTACCATTTACCATATTGAAAGTAAAAATGG
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CAAATGACACGGTGTCTTTAACTTCTGGAAAACAACACTGTGTACTGAGAACAAGAGAAAAGACAAATG
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CTTCACTCAAAATCACTTGGAACTCAAAATTACTTCTTTCACTCAAAATCACTCAAAATACATACTC
TGTATGTCTTCTTCACTCAAAATTACTTCTTTTATTTTTAGACGGAAGCATTAGACCTCAAAATTAC
TTGGAGATTATCTGGTATGTGCATTAATAATTCATAATTCATTCCTTTTTTATTGCTGAGTAGTATAC
AATTTGTTATCCATTTATCTGCTGTTGGAGATTTGGGCTATTTCCAGATTTTGGCTGTTGCAAAAAAG
CAACCTCACAGATCCTTTAAAGGATGTCAGGTGCTTTCAGGTAACCCTAGACTATAGTACCCTGCT
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
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Restriction Sites:

Sgfl-Mlul

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_020202.5](#)

Summary: Has a omega-amidase activity. The role of omega-amidase is to remove potentially toxic intermediates by converting alpha-ketoglutaramate and alpha-ketosuccinamate to biologically useful alpha-ketoglutarate and oxaloacetate, respectively. Overexpression decreases the colony-forming capacity of cultured cells by arresting cells in the G2 phase of the cell cycle. [UniProtKB/Swiss-Prot Function]

Locus ID: 56954

MW: 76.3