

## Product datasheet for **SC212966**

### **IDI1 (NM\_004508) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	IDI1 (NM_004508) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	IDI1
Synonyms:	IPP1; IPP11
ACCN:	NM_004508
Insert Size:	1798 bp



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**Insert Sequence:** >SC212966 3'UTR clone of NM\_004508  
The sequence shown below is from the reference sequence of NM\_004508. 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
GTTGACCATGAGAAAATACAGAATGTGAATATGTAGGTAATGATTACAGAAAAATTTATCTGCTTA
ACAAACTTAGAATGACTTTTTCTTTTAAATTTAGTTCTATCATTAAATTTATCATTAAATTTAGTTCTA
TCATTTGGTACTATCATTAAATGTATTATACACTGATACTTTAAAACTGTGTGAAAAAACTAACTT
ATAATTTGTATCACACACCCTGGATATGTGTTCTGTTTCTAAGCGACATTTGTGAGAGATTATTGTAA
AATGAGAGCGAGCAAATAAACTTAATTTAATCTTTGCAGATACATACTTATGGGAAATTTGAACAAAT
GAGTGAAGTCTGTTTTAGTAGGCTGTGATAAACATTTCCGGAGCACTTGCAGAGGACTTGCTATTTG
CCAGGTGCTTTATGTATCATTAAATTTTCTCATAGTTCAGAAAAATGTGCAAAGGAACTATTGTCTC
GCTCCTTCAAACAGTCTTAATTAACCTTTCATATTAGCAGATTAAGTACAGAGCAGGTTCAAGGGAA
ATTAATGATATGGACCTAATTTGTATCATTCTGAGTTGATTGTGTGGTTTATTATTCTGAAACAT
GTTGATACTTACAGTCAGCCACTGCTTTTGATAAGTGATATTGATTAGGTTGAATCTTCTTGAAATAG
TATTTACCAGTTAGCAAAGTCTGTGTTTTGAGAATTACAGTGAGCACAGAGGTGTTCAAAAATGGGAA
TTGAGTCCCACCTCGGTAAGAGTTGCTTAACTTGACACTGTTGACATTTGGGCTGGATAAAACCCCTGT
GGTGGGGTCTGTGCTGTGCATTGCGAGGATGGTGAGCAGCGTCCCTCTCATGTGACACCCACAGTTATGC
CGGATGTTGCCAGATGCCCTAGGGGACAGAGTCAACCCCAACTGAGGACCACTGTCCTACAGAGTCA
GGAAATATTGTAGGGAGAAAAAATAACAACAACAAGGCCTGTGTTAATGTTAAATAGATGAGATTAT
GGAATGTGTATTAATGTTAAAAATTTGACCTTGATCAATGTACTTTTTATAAACTTGCCATAGATAT
CTCAGATTTGAAACCTCAAGACAGATTTATTATTCTTAAATGCTGTATGATAATGAAGAAAAATAAAAA
TTTTTTCTTGCAAAGTTAAATGTTTGTAAATCAATAGAATGACTCATTTATGGTTAACTTTGGGCA
ATTTATAATTTACAGACAAGACTGTTTAGCAAGTATTTATTGAAAAGTAAAAAAATTTGCAATTTAATA
CTGTGTTTAGTTTGTAAAAATTTGATACACTAATAGGATATTGCCTGTATAGTTTCCGTTGCATTTAT
AATATTGTTTCTAATTTTTTTAGTTTTATTTTCTAGGAAGTTTTAGGCTGAAAGCCACATATAATTAGT
TATGTGATAACTATGAGTTGCCATGGCTACTGAATTGGACATGGGACCCTTAGACTGCTACCCAGCACC
TTGTTAAGTACTTAGCAAGAGTTAGATACTACTGTTGTAATATTACTAGGATGCCATCCAGAAAAATGTA
AGGAATGTCTTTGACCTGATAAACTCCTTAGAACTCCTTCATCTTTTATAAAGAGGAGTATCCCTCTC
CTAGATATAGCTGCTTCTGACCCCAAAGGCAGATGTGTTGGTTTTCAACTAGAAAGCTAAATGGTACCT
ATAAATTTTTTTTTCTTAACTGTTTTAACTCTTAATCTTCAAATATATACTCTTTGATTCTGGT
CAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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).

**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\\_004508.4](#)

**Summary:** ID11 encodes a peroxisomally-localized enzyme that catalyzes the interconversion of isopentenyl diphosphate (IPP) to its highly electrophilic isomer, dimethylallyl diphosphate (DMAPP), which are the substrates for the successive reaction that results in the synthesis of farnesyl diphosphate and, ultimately, cholesterol. It has been shown in peroxisomal deficiency diseases such as Zellweger syndrome and neonatal adrenoleukodystrophy that there is reduction in IPP isomerase activity. [provided by RefSeq, Jul 2008]

**Locus ID:** 3422

**MW:** 69.1