

Product datasheet for SC212020

UNG (NM_003362) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: UNG (NM_003362) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: UNG
Synonyms: DGU; HIGM4; HIGM5; UDG; UNG1; UNG2; UNG15
ACCN: NM_003362
Insert Size: 1053 bp
Insert Sequence: >SC212020 3'UTR clone of NM_003362
The sequence shown below is from the reference sequence of NM_003362. 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
AAGAAGCCCATTTGACTGGAAGGAGCTGTATCATCAGCTGAGGGGTGGCCTTTGAGAAGCTGCTGTAA
CGTATTTGCCAGTTACGAAGTCCACTGAAAATTTTCTATTAATTCTTAAGTACTCTGCATAAGGGGG
AAAAGCTTCCAGAAAGCAGCCATGAACCAGGCTGTCCAGGAATGGCAGCTGTATCCAACCACAAAC
AAAGGCTACCTTTGACCAAATGTCTTTCTCTGCAACATGGCTTCGGCCTAAAATATGCAGAAGACAGA
TGAGGTCAAATACTCAGTTGGCTCTCTTTATCTCCCTTGCTTTATGGTAAAACAGGGGAGATGTGCAC
CTTTCAGGCACAGCCCTAGTTTGGCGCCTGCTGCTCCTTGGTTTTGCCTGGTTAGACTTTTCAGTGACAG
ATGTTGGGGTGTTTTTGCTTAGAAAGTCCCCTTGCTCAGCCTTGCCAGGGCAGGCATGCCAGTCTCTG
CCAGTTCCACTGCCCCCTTGATCTTTGAAGGAGTCCAGGCCCTCGCAGCATAAGGATGTTTTGCAA
CTTTCAGAAATCTGGCCAGAAATTAGGGCTCAATTTCTGATTGTAGTAGAGTTAAGATTGCTGTGA
GCTTTATCAGATAAAGAGCCGAGAGAAGTAAGCTGGGTCTTGTTATTCCTTGGGTGTTGGTGAATAAG
CAGTGGAATTTGAACAAGGAAGAGGAGAAAAGGAATTTGTCTTTATGGGGTGGGGTATTTCTCCT
AGGGTTATGTCCAGTTGGGGTTTTTAAGGCAGCACAGACTGCCAAGTACTGTTTTTTTTAACCGACTGA
AATCACTTTGGGATATTTTTCTGCAACACTGAAAAGTTTTAGTTTTTTAAGAAGTACTCATGCAGAT
ATATATATATATTTTTCCAGTCTTTTTTTAAGAGACGGTCTTTATTTGGGTCTGCACCTCCATCCT
TGATCTTGTTAGCAATGCTGTTTTGCTGTTAGTCGGTTAGAGTTGGCTCTACGCGAGGTTTGTAAAT
AAAAGTTTGTAAAAGTT
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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:	<u>NM_003362.4</u>
Summary:	This gene encodes one of several uracil-DNA glycosylases. One important function of uracil-DNA glycosylases is to prevent mutagenesis by eliminating uracil from DNA molecules by cleaving the N-glycosylic bond and initiating the base-excision repair (BER) pathway. Uracil bases occur from cytosine deamination or misincorporation of dUMP residues. Alternative promoter usage and splicing of this gene leads to two different isoforms: the mitochondrial UNG1 and the nuclear UNG2. The UNG2 term was used as a previous symbol for the CCNO gene (GeneID 10309), which has been confused with this gene, in the literature and some databases. [provided by RefSeq, Nov 2010]
Locus ID:	7374
MW:	40.3