

Product datasheet for **SC208273**

SMUG1 (NM_014311) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SMUG1 (NM_014311) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SMUG1
Synonyms:	FDG; HMUDG; UNG3
ACCN:	NM_014311
Insert Size:	1760 bp



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Insert Sequence: >SC208273 3'UTR clone of NM_014311
The sequence shown below is from the reference sequence of NM_014311. 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
CTGGGGCTGCTGCCACTGCTGTTGAAATGAGTGCCCTTGGGGCCTTGCATGGGACACATTCAAGACCTC
GAAGTCATTCTTGGCCAAGCAGATGACAACACATCTCCTGGACTGGAGCAAAAAGGTCCTTCTGTGCACC
CTGGTCTGCTGGGAAACGTATTCTTTGATCTGTTGAACTGTCTTCCAACCTGCCATGGCAGTTTTGACAC
TACTCCTGTTTGGCCCTCCTGATTCTGCTTTTACCTTTAACATTGCCCTTTTCAGGGGACCCAC
TTTGTAGGGAATCTGCAGAAGGTGTGCTTTTGCACCTGCAGACTGCTCTACCTCAGTGTTCCTTGGGA
GACTTTATTGAGTGTGAGAGTGCCTAGACAGTAACTTCTAAGGTCACGTTTACTATTTTCAGAGGAAATA
TCTTGCCAGGATACCTACCCATCCTTATAGAACAGTTACCTTTAGCTGACCCCTTCTCCTCACAGGGACC
AAGACAAAGCATGGGACATGAAATTAAGAGTGAACCTTCTATGGGAGGCTGCAGCTGGATCAGAGGAAA
AATCCAGTGTGACAGAGTGCAAGTCAGAAGACCTGGCTTTTCATCCCAGCTTTGAAACTTGAACCTTTT
TGATTGACAAATTAATAAACCTCTCTATGCCTCAGGCTCCTCATCTGTAAACAGGGATGCCTACCTTA
TGGGGTTGGTGTGAGGATTAAGTGAATCAGACTTGAAGTGCCTTGCATGGGCTTGGCATGTGGGTGC
TCATTACATAGTCTTCTTGTCTTCTTGCCTCTGGGTTGAGGATTCACAGCACTGCACTACAAGGGTAGC
CCCTCTCCATTCTGGATACCTTGTAGGAGAGAGTCTGGGCTTCCACCTGCGGCCAGGGTGAAGGGAAA
ATCTTGCCATGTGAGAGATGGATCAATGACTATGAAAAACTAGCCTGTGATTTTTTTTCACTCTAAG
CATTAAGAGCTCCTAAAGCCTTTTGTCTGTTACTTTTTTCCCCTCTTGCATGCTAGAGGTGGAAGGT
AGTCATTTAGATTTCCCCCTCTCCCTCTTATTGTTGGCCAGGGTTCTCTTGGCAGCTGGGGGAA
GGATGTAGTAGATCTCTTTTTTTTTTTTTTTTGGAGATGGAGTCTCATGCTGTTGCCAGCTGGAGT
GCAGTGGCATGGTCTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTC
CCTGTATAGTGGAAATACAGGCATGTGCCACCACGCCTGGCTAATTTTTGTATTTTTATTAAGACAG
TGTTTTACCATGTTGGCCAGGCTGGTCTCAAACCTCTGACTTCAAGTAATCCACCTGTCTTGGCCTCCC
AAAGTGTCTGCCTGGCTGGATGTAGCAGATCTCAATTGCCTTACCAAACCTGCAGGGTCTCTGTTA
AGTGTCTGTTAGGGTCTTATATGATACTCTGGACACCGTGAAGAACAGGTGATGGGGCAGATGGGAAC
CTGGTATCCAACCTATTTTTATGTCTGCTGAATGGTTGACTGGGTGCCCTTTGGTAAGGGCTGGGAA
AGTGAACCAAGTTGGGAGCAGAGCAGGTCTTGGACCACCTAATGAGGAACACATGGTCTACTTCTTA
TCTCCTGGGACACAGGTCAATTCAGCTCCAGAAATTAGTAAGATTTTTCATATAAATCCTCCCCTACT
TCATTGTATAATAAAGAATTTGGCCTTTGTCTTCA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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.

RefSeq: [NM_014311.3](#)

Summary: This gene encodes a protein that participates in base excision repair by removing uracil from single- and double-stranded DNA. Many alternatively spliced transcript variants exist for this gene; the full-length nature is known for some but not all of the variants. [provided by RefSeq, Aug 2011]

Locus ID: 23583

MW: 65.1