

Product datasheet for **SC212746**

MUC7 (NM_001145007) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MUC7 (NM_001145007) Human 3' UTR Clone
Symbol:	MUC7
Synonyms:	MG2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001145007
Insert Size:	1149 bp
Insert Sequence:	>SC212746 3'UTR clone of NM_001145007 The sequence shown below is from the reference sequence of NM_001145007. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
AGAATTATTGACGACATGGTGGAGCAATAGTATATTGTATGTTGTAAAGTGTCTGTCAATTTACAAGAT
GTGATTCATGAGTGCAGAACTACCACCTTTCTTTTAGCACCAATCCCAACATGAAATTATATTACTCAG
ATTTAAAGCACTATCATTAATCTTTCAATCTAATTATTCACCACCACAAGACCTATTAACAAGACAAAA
TGCCTCTATCCCAAGCCAGATGCAGGTCTGGGGTTCAAATAACTCTTTGGATCCTACAGAGATAGC
CTACTGAGGGCAAAGAAAGTCCTTAGATAAAGAGAGAATATTGTATGGGCCATCAACCATTACTTTTC
CCTGAATGTTAGAACTACAAAACCACTACCTTGTAACCCCATCAAAATCCCACCTGAACCATCTAATC
CTATAACATAAAGGGTAAAAATTGGAACCTCTCCAGATGAACAAAGACATCTAAATATCTGTAGATAGA
AACATTTATCTATCTAAATATATTGATAGACCTGTCATTGTATTGATTAATGACAAAACCTTTAGATA
ATTATCTTCCATTTTAAATAAAATTTTATTTACAAATATGAGCCAAGAAAGAGGAAAGTTGATTGAA
GTGAGGATTAGAAGTGAATGACAATAAAGTCTGTGAGCCAAGCACGAACCAAGACTGGCACTATTTTTTC
TTAGTGTATATAATTGTTTAACTGCAAGGTTGACATTTATTGTGTTGTGCTAAGTTAATTTTCGATCT
AATGTACCTGATTCTAGCCTCTGTGAACAACAAGAATATGTTTGTGTATGTTACATGGTGCTTATAAT
ATTTCACTATCAATTCAATTAATTCACATAAATCCATGTGAAATGTATTCAACAATGGAATATTTTCT
AAAACATTTAGTATACATTTGAATGTATTTTAAACCATGCCAACTACTGCTTTAATGTCAAGTTTGCA
GAATTGTCTCTGAAAATAAAACCTGACTTTAGTTGTAAAACAATAAAGTTAGCTACTTGGTATACG
GAGATGTTAATTTGGGATATGGAGGCATTTTATCTTCTGTCACTACTACTTAAACTCTGATGATTAT
GTTAGATTTTTTGTCTAACTAATAAAGATTTCAAATGGCAATTTA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
```



[View online »](#)

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:	<u>NM_001145007.2</u>
Summary:	This gene encodes a small salivary mucin, which is thought to play a role in facilitating the clearance of bacteria in the oral cavity and to aid in mastication, speech, and swallowing. The central domain of this glycoprotein contains tandem repeats, each composed of 23 amino acids. This antimicrobial protein has antibacterial and antifungal activity. The most common allele contains 6 repeats, and some alleles may be associated with susceptibility to asthma. Alternatively spliced transcript variants with different 5' UTR, but encoding the same protein, have been found for this gene. [provided by RefSeq, Oct 2014]
Locus ID:	4589
MW:	44.5