

Product datasheet for **SC125995**

MUC20 (BC029267) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MUC20 (BC029267) Human Untagged Clone
Tag:	Tag Free
Symbol:	MUC20
Synonyms:	FLJ14408; KIAA1359; mucin 20; mucin 20, cell surface associated; transmembrane mucin MUC20S
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



[View online »](#)

Fully Sequenced ORF:

```

>OriGene sequence for BC029267 edited
CAGCAGTTCTGTGGAGCAGCGGTGGCCGGCTAGGATGGGCTGTCTCTGGGGTCTGGCTCT
GCCCTTTTCTTCTTCTGCTGGGAGGTTGGGTCTCTGGGAGCTCTGCAGGCCACAGCAC
CCGAGAGCAGACTGCGATGACAACGGACGACACAGAAGTGCCCGCTATGACTCTAGC
ACCGGGCCACGCCGCTCTGAAACTCAAACACTGAGCGCTGAGACCTTCTTAGGGCCTC
AACCCAGCCGGCCCCGTTCCAGAAGCAGAGACCAGGGAGCCAAGAGAATTTCCCTGC
AAGAGAGACCAGGAGTTTCAAAAAACATCTCCAACCTCATGGTGTGATCGCCACCTC
CGTGGAGACATCAGCCGCAAGTGGCAGCCCCGAGGGAGCTGGAATGACCACAGTTCAGAC
CATCACAGGCAGTGATCCCGAGGAAGCCATCTTTGACACCCTTTGCACCGATGACAGCTC
TGAAGAGGCAAAGACTCACAATGGACATATTGACATTGGCTCACACCTCCACAGAAGC
TAAGGGCTGTCTCAGAGAGCAGTGCCTTCCGACGGCCCCCATCCAGTCATCACCCC
GTCACGGGCTCAGAGAGCAGCGCTTCCGACGGCCCCCATCCAGTCATCACCCCGTC
ACGGGCTCAGAGAGCAGCGCTTCCGACGGCCCCCATCCAGTCATCACCCCGTCACG
GGCTCAGAGAGCAGCGCTTCCGACGGCCCCCATCCAGTCATCACCCCGTCATGGTC
CCCGGGATCTGAGTCACTCTCCTCGCTGAAGCCCTGGTACTGTCACAAACATCGAGGT
TATTAATTGCAGCATCACAGAAATAGAAACAACGACTTCCAGCATCCCTGGGGCCTCAGA
CACAGATCCCATCCCCACGGAAGGGTGAAGGCCTCGTCCACCTCCGATCCACCAGCTCT
GCCTGACTCCACTGAAGCAAAACACACATCACTGAGGTCACAGCCTCTGCCGAGACCCT
GTCCACAGCCGGCACCACAGAGTCAGCTGCACCTGATGCCACGATTGGGACCCCACTCCC
CACCAACAGCACCATAGAAAGAGAAGTGACAGCACCCGGGGCCACGACCTCAGTGGAGC
TCTGGCCACAGGGAATCCCCTGGAAGAAACCTCAGCCCTCTCTGTTGAGACACCAAGTTA
CGTCAAAGTCTCAGGAGCAGTCCGGTCTCCATAGAGGCTGGGTCAGCAGTGGGCAAAAC
AACTTCTTTGCTGGGAGCTCTGCTTCTCCTACAGCCCTCGGAAGCCGCCCTCAAGAA
CTTACCCCTTTCAGAGACTGACCACGGACATCGCAACCAAGGGGCCCTTCCCCACCAG
CAGGGACCCTTCTCTTCTGTCCCTCAAACATAACCAACAGCAGCCGAGGGACGAACAG
CACCTTAGCCAAGATCACAACCTCAGCGAAGACCAGATGAAGCCCCAACAGCCACGCC
CACGACTGCCCGACGAGGCCGACCACAGACATGAGTGCAGGTGAAAATGGAGGTTTCT
CCTCTGCGGCTGAGTGTGGCTTCTCCGGAAGACCTCACTGACCCAGAGTGGCAGAAAG
GCTGATGCAGCAGCTCACCGGGAACCTCACGCCACGCGCTCACTTCCAGGTCTCCTT
ACTGCGTGTGAGGAGGCTAACGGACATCAGCTGCAGCCAGGCATGTCCCGTATGCCAA
AAGAGGGTGTGCCCTAGCCTGGGCCCCACCGACAGACTGCAGCTGCGTTACTGTGCT
GAGAGGTACCCAGAAGGTTCCCATGAAGGCAGCATGTCCAAGCCCTGACCCAGATGT
GGCAACAGGACCCTCGCTCACATCCACCGGAGTGTATGTGTGGGAGGGGCTTCACTGT
TCCCAGAGGTGCTTGGACTCACCTTGGCACATGTTCTGTGTTTCAGTAAAGAGAGACC
TGATCACCCATCTGTGTGCTTCCATCCTGCATTAATAATCACTCAGTGTGGCCAGAAAA
AAAAAAAAAAAAAAAAAAAA
    
```

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for BC029267 unedited</p> <pre>GGGTCATACATTGTCATACGAACTCACTATTAGGGCGCGCCGCGTAATCCCGGGTTATC GTCGACCCACGCGTCCGCAGCAGTTCTGTGGAGCAGCGGTGGCCGGCTAGGATGGGCTGT CTCTGGGGTCTGGCTCTGCCCTTTTCTTCTTCTGCTGGGAGGTTGGGGTCTCTGGGAGC TCTGCAGGCCCCAGCACCCGAGAGCAGACTGCGATGACAACGGACGACACAGAAGTG CCCGCTATGACTCTAGCACCGGGCCACGCCGCTCTGAAAACCTAAACACTGAGCGCTGAG ACCTCTTCTAGGGCCTCAACCCAGCCGGCCCGTTCCAGAAGCAGAGACCAGGGGAGCC AAGAGAATTTCCCTGCAAGAGAGACCAGGAGTTTCACAAAAACATCTCCCAACTTCATG GTGCTGATCGCCACCTCCGTGGAGACATCAGCCGCCAGTGGCAGCCCGAGGGAGCTGGA ATGACCACAGTTCAGACCATCACAGGCAGTGATCCCGAGGAAGCCATCTTTGACACCCTT TGCACCGATGACAGCTCTGAAGAGGCAAAGACTCACAATGGACATATTGACATTGGCT CACACCTCACAGAAGCTAAGGGCCTGTCTCAGAGAGCAGTGCCTCTTCCGACGGCCCC CATCCAGTCATACCCCGTCACGGGCTCAGAGAGCAGCGCTCTTCCGACGGCCCCCAT CCAGTCATACCCCGTCACGGGCTCAGAGAGCAGCGCTCTTCCGACGGCCCCCATCCA GTCATACCCCGTCACGGGCTCAGAGAGCAGCGCTCTTCCGACGGCCCCCATCCAGTC ATACCCCTCATGGTCCCGGGATCTGACGTCACTCTCCTCGCTGAAGCCCTGGTGACT GTCACANACAATCGAGTTATTAATTGCAGCATCACAGAAATAGAAAA</pre>
Restriction Sites:	Please inquire
ACCN:	BC029267
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC029267.1 , AAH29267.1
RefSeq Size:	2057 bp
Locus ID:	200958
Cytogenetics:	3q29

Gene Summary:

This gene encodes a member of the mucin protein family. Mucins are high molecular weight glycoproteins secreted by many epithelial tissues to form an insoluble mucous barrier. The C-terminus of this family member associates with the multifunctional docking site of the MET proto-oncogene and suppresses activation of some downstream MET signaling cascades. The protein features a mucin tandem repeat domain that varies between two and six copies in most individuals. Multiple variants encoding different isoforms have been found for this gene. A related pseudogene, which is also located on chromosome 3, has been identified. [provided by RefSeq, Apr 2014]