

Product datasheet for **SC324998**

MUC15 (NM_001135091) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: MUC15 (NM_001135091) Human Untagged Clone
Tag: Tag Free
Symbol: MUC15
Synonyms: MUC-15; PAS3; PASIII
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC324998 representing NM_001135091.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGGCATAATACAATCTATTCTTGCCACATCAAGGGATTGTTATTCCTTTAAAAAAAACCAATACCA
AAGAAGCCTACAATGTTGGCCTTAGCCAAAATTCTGTTGATTTCAACGTTGTTTTATTCACTTCTATCG
GGGAGCCATGGAAAAGAAAATCAAGACATAAACACAACACAGAACATTGCAGAAGTTTTTAAAACAATG
GAAAATAAACCTATTTCTTTGGAAAGTGAAGCAAACCTAAACTCAGATAAAGAAAATATAACCACCTCA
AATCTCAAGGCGAGTCATTCCCCTCTTGAATCTACCCAACAACAGCCACGGAATAACAGATTTCTCC
AGTAACTCATCAGCAGAGCATTCTTTGGGCAGTCTAAAACCCACATCTACCATTTCCACAAGCCCTCCC
TTGATCCATAGCTTTGTTTCTAAAGTGCCTTGAATGCACCTATAGCAGATGAAGATCTTTTGCCCATC
TCAGCACATCCCAATGCTACACCTGCTCTGTCTTCAGAAAACCTCACTTGGTCTTTGGTCAATGACACC
GTGAAAACCTCTGATAACAGTTCATTACAGTTAGCATCTCTCTTCAGAACCAACTTCTCCATCTGTG
ACCCCTTGATAGTGGAACCAAGTGGATGGCTTACCACAAACAGTGATAGCTTCACTGGGTTTACCCT
TATCAAGAAAAACAACCTACAGCCTACCTTAAAATTCACCAATAATTCAAACCTTTCCAAATACG
TCAGATCCCCAAAAGAAAATAGAAATACAGGAATAGTATTCGGGGCCATTTTAGGTGCTATTCTGGGT
GTCTCATTGCTTACTCTGTGGGCTACTTGTGTGGAAAAGGAAAACGGATTCATTTCCCATCGG
CGACTTTATGACGACAGAAATGAACAGTCTGCGATTAGACAATGCACCGGAACCTTATGATGTGAGT
TTTGGGAATTCTAGCTACTACAATCCAACCTTGAATGATTCAGCCATGCCAGAAAAGTGAAGAAAATGCA
CGTGATGGCATTCTATGGATGACATACCTCCACTTCGTACTTCTGTA
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Restriction Sites: SgfI-MluI
ACCN: NM_001135091
Insert Size: 1083 bp
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).



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| OTI Annotation: | This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA. |
| 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: | <u>NM_001135091.1</u> |
| RefSeq Size: | 3409 bp |
| RefSeq ORF: | 1083 bp |
| Locus ID: | 143662 |
| UniProt ID: | <u>Q8N387</u> |
| Cytogenetics: | 11p14.2 |
| Protein Families: | Secreted Protein, Transmembrane |
| MW: | 39.3 kDa |
| Gene Summary: | <p>May play a role in the cell adhesion to the extracellular matrix.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).</p> |