

Product datasheet for **SC316885**

Gastric Mucin (MUC6) (NM_005961) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gastric Mucin (MUC6) (NM_005961) Human Untagged Clone
Tag: Tag Free
Symbol: MUC6
Synonyms: MUC-6
Vector: pCMV6 series
Fully Sequenced ORF: >NCBI ORF sequence for NM_005961, the custom clone sequence may differ by one or more nucleotides

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ATGGTCCAGCGGTGGCTGCTGCTGTCTGCTGCGGAGCCCTGCTCAGCGCTGGTCTGGCT
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 GTACTCACCTGCAGGTGTTAGCCACTGCGTGTGCAGCTCTGTGGCCTGTGGAGAC

Restriction Sites:

Please inquire

ACCN:

NM_005961

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).

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:	NM_005961.2 , NP_005952.2
RefSeq Size:	8003 bp
RefSeq ORF:	7320 bp
Locus ID:	4588
UniProt ID:	Q6W4X9
Cytogenetics:	11p15.5
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a member of the mucin protein family. Mucins are high molecular weight glycoproteins produced by many epithelial tissues. The protein encoded by this gene is secreted and forms an insoluble mucous barrier that protects the gut lumen. [provided by RefSeq, Dec 2016]