

Product datasheet for **RG239379**

MUC20 (NM_001282506) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MUC20 (NM_001282506) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	MUC20
Synonyms:	MUC-20
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG239379 representing NM_001282506.
 Blue=ORF Red=Cloning site Green=Tag(s)

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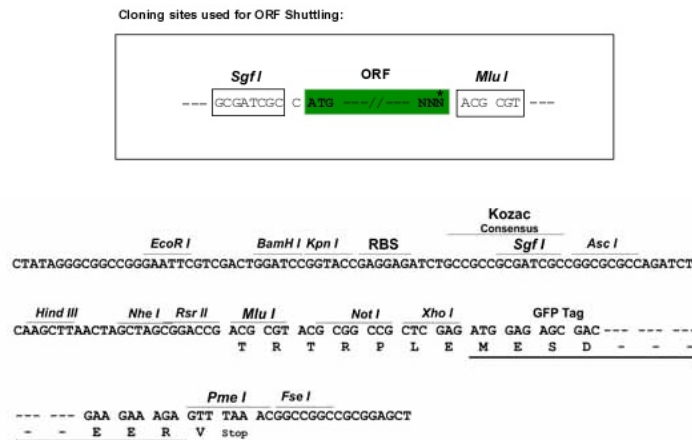
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ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAAAC
  
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Protein Sequence: >Peptide sequence encoded by RG239379
 Blue=ORF Red=Cloning site Green=Tag(s)

MGCLWGLALPLFFFCWEVGVSGSSAGPSTRRADTAMTTDDTEVPAMTLAPGHALETQTL SAETSSRAS
 TPAGPIPEAETRGAKRISPARETRSF TKTSPNFMVLIATS VETSAASGSPEGAGMTTVQITGSDPREA
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Restriction Sites: SgfI-MluI

Cloning Scheme:



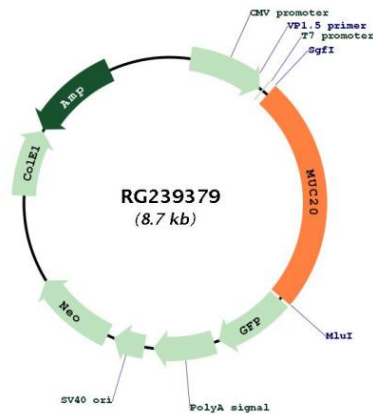
ACCN: NM_001282506

ORF Size: 2127 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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).
RefSeq:	<u>NM_001282506.2</u>
RefSeq Size:	2611 bp
RefSeq ORF:	2130 bp
Locus ID:	200958
UniProt ID:	<u>Q8N307</u>
Cytogenetics:	3q29
MW:	72.4 kDa
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]

Product images:


Circular map for RG239379