

Product datasheet for MC229637

Gm9573 (NM_001244654) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gm9573 (NM_001244654) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gm9573
Synonyms: 672682; Muc21
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC229637 representing NM_001244654
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCAGAGGAGAAGCAGCCTCTGGTGCTGGCTGCTTTTGCAGATCCTGCTTTTAGGAAGTGGTTATGCC
 ATATTTCTCCACCACAACCTTCAAATCCTTCATCAGAAACGAAGAGCATAGCCACAGACTATGAAACCAC
 CCCGACCACCACTATATCTAGCACTGCCTCAGGATCTATGCCACCCTGACCACCAAGGCATCCAGCATT
 GCCTCAGACTCTAAGCCCACCCTGACCACCACTGCATCCAGCACTGCCTCAGGATCTATGTCCACCCCGA
 CCACCCCTGCATCCAGCACTGCCTCAGGCTCTACACCCACAACGACCACCACTGCATCCAGCACTGCCTC
 AGGATCTACACCCACCCCAACCACCCCTGCATCCAGCACTGCCTCAGGATCTACACCTACCCCGACCACT
 ACTGCATCTAGCAAAGCCTCAAGATCTGTGCCACCCTGTATCCAGCACTGGCTCAGGCTCTACACCCA
 CTCCGACCACCACTGCATCCAGCACTGCCTCAGGATCTACGCCACCCTGACCACCACTCCATCAAGCAC
 TGCTCAGGATCTACACCTACCCCGACCACCCCTGCATCCAGCACTGCCTCAGGCTCTTACCCACCCCA
 ACCACCCCTGTATCCAGCACTGCCTCAGGATCTACACCCACCCCGACCACCACTGCATCTAGCAAGGCT
 CAGGATCTGTGCCACCCTGTATCCAGCACTGGCTCAGGCTCTACACCCACTCTGACCACCACTGTATC
 CAGCACTGTCTCAGACTCTACACCCACCCCGACCACCACTGCATCCAGCACTGCCTCAGGATCAGCACCC
 ACCCCGACCACCACTGCATCTAGCACTGCCTCAGGATCTACACCCACCCTAACCCACCACTGCATCCAGCA
 GTGGCTCAGGCTCTACCCACCCCTGCCACCACTGAATCCAGCACTGCCTCAGGCTCTACACCTACCCG
 GACCACCACTACATCCAGCACTGCCTCAAGATCTACACCCACTCCTACCACCACTGCATCTAGCACTGCC
 TCAGGATCTACGCCACCCCGACCACCACTGTATCCAGCACTGGATCAGGCTCTACACCTACCCGACCA
 CCACTGCATCCAGGAGTGGCTCAGGCTCTACCCACCCCTGACCACCACTGAATCCAGCACTGCCTCAGG
 CTCCTACCCACCCTGACCACCACTGCATCCAGCTCTGCCTCAGGATCTATGCCACCCCGACCACCACT
 GCATCCAGCACTGCCTCAGGCTCCTACCCACCCTGACCACCACTGCATCCAGCTCTGCCTCAGGATCTA
 TGCCACCCTGACCACCACTGCATCCAGCTCTGCCTCAGGCTCCTACCCACCCTGACCACCACTGCATC
 CAGCTCTGCCTCAGGATCTATGCCACCCCGACCACCACTGTATCCAGCACTGGCTCAGGCTCTACCCCA
 ACCTGACCACCACTGAATCCAGCACTGCCTCAGGCTCTACACCTACCTGGACCACCACTACATCCAGCA



CTGCCTCAAGATCTACACCCACCCCTACCACCCTGCATCTAGCACTGCCTCAGGATCTACGCCACCCC
 GACCACCCTGTATCCAGCACTGGCTCAGGCTCTACACCTACCCTGACCACCCTGCATCCAGGAGTGGC
 TCAGGCTCTACCCCCACCCTGACCACCCTGAATCCAGCACTGCCTCAGGCTCTATTCTACCCTGACCA
 CCGCTGCATCCAGCACTGCCTCAGGCTCTACACCCACCCCTACCACCCTGCATCTAGCACTGCCTCAGG
 ATCTATGCCACCCCAACCACTACTGCATCCAGCACTGGATCAGGCTCTACACCCACTCTGACCACCCT
 GCATCTAGCAGTGGCTCAGGCTCTACCCCCACCCTGACCACCCTGAATCCAGCACTGCCTCAGGCTCTA
 TACCTACCCTGACCTCCGCTGCATCCAGCTCTGCCTCAGGATCTATGCCACCCCGACCACCCTGATC
 CAGCACTGGCTCAGGCTCTACACCCACCCTGACCACCCTGCATCCAGCTCTGCCTCAGGATCTATGCC
 ACCCAACCACTACTGCATCCAGCACTGCCTCAGGCTCCTCACCCACCCTGACCACCCTGCATCCAGCT
 CTGCCTCAGGATCTGCGCCCAACCCGACCACCCTGTATCCAGCACTGGCTCAGGCTCTACACCCACCCT
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 TCAGGCTCTACACCTACCCGGACCACCCTACATCCAGCACTGCCTCAAGATCTACACCCACTCCTACCA
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 TAGCAGTGGCTCAGGCTCTACCCCCACCCTGACCACCCTGAATCCAGCACTGCCTCAGGCTCCTCACCC
 ACCCTGACCACCCTGCATCCAGCTCTGCCTCAGGATCTATGCCACCCCGACCACCCTGCATCCAGCA
 CTGCCTCAGGCTCCTCACCCACCCTGACCACCCTGCATCCAGCTCTGCCTCAGGATCTATGCCACCCCT
 GACCACCCTGCATCCAGCTCTGCCTCAGGCTCCTCACCCACCCTGACCACCCTGCATCCAGCTCTGCC
 TCAGGATCTATGCCACCCCGACCACCCTGTATCCAGCACTGGCTCAGGCTCTACCCCCACCCTGACCA
 CCACTGAATCCAGCACTGCCTCAGGCTCTACACCTACCTGGACCACCCTACATCCAGCACTGCCTCAAG
 ATCTACACCCACCCTACCACCCTGCATCTAGCACTGCCTCAGGATCTACGCCACCCCGACCACCCT
 GTATCCAGCACTGGCTCAGGCTCTACACCTACCCTGACCACCCTGCATCCAGGCGTGGCTCAGGCTCTA
 CCCCCACCCTGACCACCCTGAATCCAGCACTGGCTCAGGCTCTACACCCACCCTGACCACCCTGCATC
 CAGCAGTGGCTCAGGCTCTACCCCCACCCTGCCACCCTGAATCCAGCACTGCCTCAGGCTCTACACCT
 ACCCGGACCACCCTACATCCAGCACTGCCTCAAGATCTACACCCACTCCTACCACCCTGCATCTAGCA
 CTGCCTCAGGATCTACGCCACCCCGACCACCCTGTATCCAGCACTGCCTCAGGCTCTACACCTACCCT
 GACCACCCTGCATCCAGGAGTGGCTCAGGCTCTACCCCCATCCTGACCACCCTGAATCCAGCACTGCC
 TCAGGCTCTACACCTACCCTGACCACCCTGCATCCAGCTCTGCCTCAGGATCTACACCCACCCCGACCA
 CCACTGTATCCAGCACTGGCTCAGGCTCTACACCCACCCTGACCACCCTGCATCCAGCAGTGGCTCAGG
 CTCTACCCCCACCCTGACCACCCTGAATCTAGCACTGCCTCAGGCTCTACACCTACCCAGACCACCCT
 ACATCCAGCACTGCCTCAAGATCTACACCCACTCCTACCACCCTGCATCTAGCACTGCCTCAGGCTCTA
 TACCTACCCCGACCACAACCTGCATCAAGCATTGCCTCAGGTAATACCCCCACCCTGACCACCCTGAATC
 CAGCACTGCCTCAGGCTCCTCACCCACCCCGACCACCCTGCTTCAATCCAGCAGTGCCTCAGACTCTAAGCCC
 ACCTCGACCACCCTGCATCCAGCACTGTCTCAGACTCTACACCCACCCCGACCACCAATGCATCCAGCA
 GTGCCTCAGGCTCTACACCCACCAGACCACCCTGCATCCAGAAGTGCCTCAGGATCTGTGCCACCCT
 GACCACCATTGCATTAGCACTGCCTCAGGCTCTACACCTACCCTGACCACCCTGCATCCAACCTTGCC
 TCCTCTTCTTACCCACCCGACTACCCTGGCTCAGCAAGACCTCTGCATCTTCACTCAGCTTGACCT
 CCACTATGACCAGCATAACCTCTGCCTCTACATTCACCCAGCCTCCATTAGGACCAGCAAGCTTCTGC
 TTCTACATCCACCTCAGCTCCATTAGGACCAGCATAGCCTTTGCATCTACATCTACCCCGACCACCTCT
 GGACCTAGCACAGCCTCAGTCTCTACACTCAACTCGACCTCCATCAGAACCAGCAGGTTCCAGCTCTA
 GCCTGAGTGCCACCCACACTTCTCTAGCTGACAGTTTCCACTGGAACACACACTACCTCCAACCACAC
 TGGGACTCCAGTATGGAAGTGAAGCCAGTGGATCCCTGAAGCCCTGGGAAATCTTTCTCATCCCTA
 GCCTCTGTATCGTGGTCATGGGACTCTCTGCTGGGCTATTTATTTATGTGAGAAGATACCTGTCTGA
 GAAATGCTGCTGATGGAATATTCTACAACCTCCATCCTGATCCTGGAGGATCTGCTATGACTCCAGGGAG
 CCCTACCTGCTCTGGAGGAGACCAAGAACCTTCAATGTCTGATAGATGACAAGGATATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_001244654
Insert Size:	4821 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001244654.1, NP_001231583.1</u>
RefSeq Size:	5231 bp
RefSeq ORF:	4821 bp
Locus ID:	672682
Cytogenetics:	17