

Product datasheet for **SC203839**

TUSC3 (NM_178234) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TUSC3 (NM_178234) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TUSC3
Synonyms:	D8S1992; M33; MagT2; MRT7; MRT22; N33; OST3A; SLC58A2
ACCN:	NM_178234
Insert Size:	2000 bp



[View online »](#)

Insert Sequence:

>SC203839 3'UTR clone of NM_178234

The sequence shown below is from the reference sequence of NM_178234. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGCTATCCTTATAGCTTTTAAATTAATTAAGCCAAGTGGGATTTGCATAAAGTGAATGTTTACCATGA
AGATAAACTGTTCTGACTTTATACTATTTGAATTCATTCATTTTCATTGTGATCAGCTAGCTTATTCT
TGTGACTTTTTTAACTGTGGTTTTCTAGTAAATTAATTTACAGAAATCAATGGTAGCATTTAG
TAATCTACAAAGGAAATATCAAAGTGTTCAGCCTGTATATTCAGTGTGCCACAGGATTGAAA
TAAATGACAATGAATTATGAATTCATGTTTTAGAGCTGTTTACTCATTAGTAAAGGACCGCAATGTTA
GTAAAGAAAACCTATGAAATGTATGTTAAAGATCTTAGTATTGTACAGGGATAAAGCAAATGCATGAA
AATATGCATGTACTGAAAATTAACCTTACTTCAGTTTCAGTTATAAAGGACGTGACTGTTACGAATA
GTGTTTTGTTATTAATTATACTAGATAAAGGTATATAGGACAGGGAAGTGGATGAATGGTACCTACAA
TTTGATGCCTAACCAAGGACTAGAGCTCCTTCTTGAGATCTAAATCTAAAGTAAATGTGCATTAAGC
AGTGTGCTTCAAAGGCATCAGACGATGAAAGCAACATACCACAACCTAGGAGTTATTTCTCAAACCTAAA
TGTCTCTGGGAATCCAGACTTAAAAATAAGAGCAAACCTAACACACTATCCATTTTCGAGCAAACCTA
ACCCACTATATCCATTTTGTCTATGTGTTTTATGCAACCAGCTTCCATCAAATCCTCAATCTTTGAAT
CCAGGTAAGGTTAATTATCCTAGGATTAGTGAATGATTCAATGAAGCTTTCTTGAAAACAAACATAG
GAGTGTAATGACTATTATGTTTGTATCCTGTTTTAGTTTATAAAGCACTTTCACATACATTATGGTAT
TTCTTCTCACAATAACCTTGAAATTAGTCAGGAAATGTAATTTTATCTGACTCATAGAATAATGG
AAGTGAAAGCCAAAAATAAGTTTATAACCAGGCCTTCAAACCTCAAACATGGATTTTTATATTCTG
TGGAGTTATCCAAATTAATTAGGGTTTAGGAAAGCAGTTCTTCTTGAGTCAGTTCAATAAGTGTGGCT
TTTTGTTTTAAGTTTGTATCTAATTTTCATTAAGATTTGAGTAACAGACCATTGGAGAATTGTTTTTC
ATTGGGAGTTCAGCTATATAGCCTCAAACAAGAAACGGGTGTACAACCATTGAGTTTACTTACTTAAA
TCTGTGAATTTCAATGAAGAATGGGAATATAAAGGCCTACTGGGCATGTTTATCAAGTTATATCCAG
GGCAATGTGTATGCTAGCAGGATGAATGCTATCTTTCAAACATAAATTCAGTGAAAATTACGTAAT
AATTGTAAGTTTATAATCATACTCCAAATCTGTTACTAAAAATAACATAAATTCCTAGTTCATGTA
CTTAGATGAATAAATTTAGTTTTGGAATGACGTTTATGGAAAAGCAATAGATGAACCTAATCATTGAT
CACTGCCTATCACTAGGCAGAACTTGACCTGTAATCTTAATCCATTGTAGATTTTTTACATTTTACTC
AAAACCTCATACATAGAGACTCTCAGGTCAAATTTTACAAGTATTAACATTTGTTAATTATAACTACT
TTTGTGTTGATCCTTAAATCTCAGAATTATCTTGCAAGTAAATATGCAGCTGATTAATGATATTACAAA
TTATCTCTAATCTCACTGTAATCTTTTAAATCATATCAAAGTCAGGTCATCCTCAGACACTATAACTAA
GATAGATAAGGAGTACTTTACTATACCATATTAGTAAAGTTTTCTAGCTCTTATTTTCTAATTTCTC
TGAGCATTTAAAATTACATCCAGTGATAAAAAACAATTTTTTTTTTTCAGAATTTTCATGCTTTAAAAAG
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACC GCCCCTTCTATGAAAGG
```

Restriction Sites:

SgfI-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq:

[NM_178234.2](#)

Summary: This gene encodes a protein that has been associated with several biological functions including cellular magnesium uptake, protein glycosylation and embryonic development. This protein localizes to the endoplasmic reticulum and acts as a component of the oligosaccharyl transferase complex which is responsible for N-linked protein glycosylation. This gene is a candidate tumor suppressor gene. Homozygous mutations in this gene are associated with autosomal recessive nonsyndromic mental retardation-7 and in the proliferation and invasiveness of several cancers including metastatic pancreatic cancer, ovarian cancer and glioblastoma multiform. [provided by RefSeq, Oct 2017]

Locus ID: 7991

MW: 77.8