

Product datasheet for **SC204784**

TUSC3 (NM_006765) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TUSC3 (NM_006765) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TUSC3
Synonyms:	D8S1992; M33; MagT2; MRT7; MRT22; N33; OST3A; SLC58A2
ACCN:	NM_006765
Insert Size:	2000 bp



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Insert Sequence: >SC204784 3'UTR clone of NM_006765
 The sequence shown below is from the reference sequence of NM_006765. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TATCCTTATAGTGATCTGGACTTTGAGTGAAGAAGATGTGATTTGGACCATGGCACTTAAAACTCTATA
ACCTCAGCTTTTTAATTAATGAAGCCAAGTGGGATTTGCATAAAGTGAATGTTTACCATGAAGATAAA
CTGTTCTGACTTTATACTATTTTGAATTCATTTCATTGTGATCAGCTAGCTTATTCTTGTGTAC
TTTTTTAAACTGTGGGTTTTCTAGTAAATTTAATTTACAGAAATCAATGGTAGCATTTAGTAATCTA
CAAAGGAAATATCAAAGTGTTCCTCAAGCTGTTATATTCAGTGTGTGCCACAGGATTGAAATAAATGA
CAATGTAATTATGAATTCATGTTTTAGAGCTGTTTACTCATTAGTAAAGGACCGCAATGTTAGTAAAGA
AAACCTATGAAATGTATGTTAAAGATTCTTAGTATTGTACAGGGATAAAGCAAATGCATGAAATATGT
CATGTACTGAAAATTAACCTTACTTCAGTTTCAGTTATAAAGGACGTGCACTGTTACGAATAGTGTGTT
GTTATTAATTATAACTAGATAAAGGTATATAGGACAGGGAACGGATGAATGGTACCTACAATTTGGAT
GCCTAACCAAGGACTAGAGCTCCTTCTTGAGATCTAAATCTAAAGTAAATGTGCATTAAAGCAGTGTGC
TTCAAAGGCATCAGACGATGAAAGCAACATACCACAACCTAGGAGTTATTTCTCAAACCTAAATGTCTC
TGGGAATCCAGACTTAAAAATAAGAGCAAACCTTAACACACTATCCATTTTCGAGCAAACCTAACCCACT
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AAAGGTTAATTACCTAGGATTAGTGAATGATTCAATGAAGCTTTCTTGAACAAACATAGGAGTGTA
ATGTACTATTATGTTTGTATCCTGTTTTAGTTTATAAAGCACTTTCACATACATTATGGTATTTCTTCC
TCACAATAACCTTGTAATTAGTCAGGAAATGTAATTTTATCTGACTCATAGAATAATGGAAGCTGA
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ATCCAAATTAATTAGGTTTAGGAAAGCAGTTCCTTCTTGAGTCAGTTCAATAAGTGTGTTTTGTTT
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GTTCCAGCTATATAGCCTCAAACAAGAAACGGGTGTACAACCATTGAGTTTACTTAAATCTGTGA
ATTTCAATGAAGAATGGGAATATAAAGGCCTACTGGGCATGTTTATCAAGTTATATCCCAGGGCAATG
TGATGCTAGCAGGATGAATGCTATCTTTCAAACATAAATTCAGTGAATAATACGTAATAATTGTA
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GAATAAATTTAGTTTTGGAATGACGTTTATGAAAAGCAATAGATGAACTTAATCATTTGATCACTGCC
TATCACTAGGCAGAACTTGACCTGTAATCTTAATCCATTGTAGATTTTTTACATTTTACTCAAACCTT
CATACATAGAGACTCTCAGGTCAAATTTACAAGTATTAACATTTGTTAATTATAATCACTTTTGTGTT
GTATCCTTAAATCTCAGAATTATCTTGCAGTAAATATGCAGCTGATTAATGATATTACAAATTATCTC
TAATCTCACTGTAATCTTTTAAATCATATCAAAGTCAGGTTCATCCTCAGACACTAAACTAAGATAGAT
AAGGAGTACTTTACTATACCATATTAGTAAAGTTTTCTAGCTCTATTTTCTAATTTCTCTGAGCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACC GCCCCTTCTATGAAAGG
  
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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_006765.4](#)

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:

78.2