

## Product datasheet for **SC207654**

### STT3A (NM\_152713) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	STT3A (NM_152713) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	STT3A
Synonyms:	ITM1; STT3-A; TMC
ACCN:	NM_152713
Insert Size:	2000 bp



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**Insert Sequence:** >SC207654 3'UTR clone of NM\_152713  
 The sequence shown below is from the reference sequence of NM\_152713. 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
CTGGATAATCGAGGCTTGTCAAGGACATAAATGTACAGTCCAGCTCTGATATGCTTCGCACTGAGCACA
TCACATTTAGGACGTTGAAGATTTTTTTTTTTTTTTTTTTTAAATATGCAGTTTGAAGAACAAAATG
GATGGCATCAGAATTGTCTGGAAGTTTTGTCTTGGGAGTATGGGCTGGGCCAAATGAAATGATTTTTTA
TAATTCTAAACAGGTTACCAAAATGAAATGTCATGGCTTTACTTTGGTCAATTAAGGGGGGAATTTTTT
TAAAAAATGTGCCTTATTTGTTTTGACTTATAACTGATTTGAGGGAGGCCAAAAGCTATGCTAGGCTGCC
AGAAGGACATAAGCAGACCTTGCCATTCTTAGCTCCCTAAATAGCCAAATAGAGACTTCTTTCTC
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ATTGCAGCACCTAGTACAATTCCTTGGAAACAGCGTGGCTCAATAAATTTTTATTGAATGAATAAATGT
GGGACCAGAAGAGTGCTAGAAGAGTGCCTTTCTGGGCTACTATGTCTCTGTTCTCAATGTCTTTATCC
TTAGACGCTCTTTGACTTTATAAATCAGCAGTTTTGAAGACTCAAGACAAACAGTGAAATATTGGTTT
ATCAATGGAGAGGAAGAACTCTTCCAGCATTACATATAGAGCTTGATGGTCAGTAGGTGTTTTGAAAT
CAGCTTAAATATAATCATACATATCAATTTGAAATGGAGCTTTTTCAGTACTCTCACTTATTCATGACAC
AGGAATGACCCCTTACTCAAACCTTGTGGTTGTTCAAAGGTGAGCTTCTTTTTCCCTTAGTCTTAGC
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AGAGGAGAAAATCTTAAAAAGTTTTAAGCCTGGGCAACATAAGGAGATTGTTTTCTATGAAAAATAAAA
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GGGCTGGGAGGTTGAGGCTACAGTGAAGTGTGATTGTGCCACTGTACTCCAGTCTGGGCGACAGTGAA
ATCTTGTCTAAACAAAAACAATTTAACTGGGAAGCACAGTGGTCCTTGAGGACATTTAATATCAGGACA
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TATCCATTTAAGGGAACAGGAGGAATTGCATAACTTTTAGATTAGTCATAGTGGTCTCCTAAGGGATA
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TGTGGGTGAGATTTAGCCTCAAGATTTGATTTACTATATGTAAGTACATTACTTGATTTCTATAAGAA
TCTTTAGTGAAGAGGTTATTCTGAATTTTATCAATATGATTAATACCAGTTAGAAAATTAATGA
TCTTCCTTATACTATACATAGGATAACTTTAACTTGTGCTACAGTTGTTGCTCTGAGGATCTTAAT
TTTGTTACTTTCTAGGCTACATGAAGCTATCTTTTTAAAAAGTGTACTTTCATTTTCACTGTTATTGT
GTACTTAGCATAAAAACTCAAATCTAGGCCAGGTGCAGTGGCTCATGCCTGTAATCCCAGCACTTTGG
GAGGCTGAAGCATGCGGATCACTTGAGCCAGGAGTTCAGACCAGCCTGGGCAACATGGCTAATGAAC
ACTAAGCATAGTTTTGATGTCTTTCATATTAAGACTTTCTCAAATTCCTGCTAGTCTGCTCCTCTTT
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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\\_152713.5](#)

**Summary:** The protein encoded by this gene is a catalytic subunit of the N-oligosaccharyltransferase (OST) complex, which functions in the endoplasmic reticulum to transfer glycan chains to asparagine residues of target proteins. A separate complex containing a similar catalytic subunit with an overlapping function also exists. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2015]

**Locus ID:** 3703

**MW:** 76.6