

## Product datasheet for **SC209583**

### TM7SF1 (GPR137B) (NM\_003272) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	TM7SF1 (GPR137B) (NM_003272) Human 3' UTR Clone
Symbol:	TM7SF1
Synonyms:	TM7SF1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003272
Insert Size:	779 bp
Insert Sequence:	>SC209583 3'UTR clone of NM_003272 The sequence shown below is from the reference sequence of NM_003272. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
TTGGATCCTGACAAACCAAGCCTTGGGTAGCATCAGTTAACAGTTTTATGGACGATTCTCAGATGAAA
AGCTTCAGAAAAGCATAGTGACAGCTGAATTTTTAGGGCACTTTTCCTTAAGAAATAGAACTTGATTTT
TATTTGTTACAGGTTTCCAATGGCCCCATAGGAATAAGCAATAATGTAGACTGATAAACCCCTATTTTA
GTACTAAAGAGGGAGCCTTGCTATTTTCAGTGGGTATAATTTAACTTTTTAAAGAAAATCTGTACTTTT
ATAAAGATGTATTTGTATAACTTAAATAATAATGCTAAAGTATACTAGGGTTTTTTTTCTTGAGAAT
GTTACTGCAATCATGTTGTAGTTTGACAGACTTTTATGCATAATTCACCTTAAAAATATAGAATATAT
GGTCTAATAGTTTTTAAAGCTTTTGGACTAAAGTATTCCACAAATCTTACCTCTTTAGGTCACCTGATG
GTCACCTCCGATTCTGAGTGCCACATTGGTAGACTCCTAAAATACAGTTGACAACCTTAGCCAATTGCAAC
TCCAGTGTGATAATTAAGTAAATGAAATGGTAAAGCAGCAGACTGTAAGGTCTTTAGAGATTTTTTTTTTA
AGGTTCCAGGCCGTAGGTTCCCTCAAGGAATCTCTTAAGTTTTGCCCAAAGACTGGTACTTCCCTTTTCAGTA
GGGCGCTAATGTATACACATTAATGATAAGTTGATAACATTAATAATGTAGCTGACTTATCCTATTAATA
CCTCCTGCTATGTTTACA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG

```

Restriction Sites: Sgfl-Mlul



[View online »](#)

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_003272.4</a>
<b>Summary:</b>	Lysosomal integral membrane protein that regulates the localization and activity of mTORC1, a signaling complex promoting cell growth in response to growth factors, energy levels, and amino acids (PubMed:31036939). Interacts with Rag GTPases and increases the lysosomal localization and activity of Rag GTPases and thereby regulates mTORC1 translocation and activity in lysosome (PubMed:31036939). Involved in the regulation of lysosomal morphology and autophagy (PubMed:31036939).[UniProtKB/Swiss-Prot Function]
<b>Locus ID:</b>	7107
<b>MW:</b>	30