

Product datasheet for **SC200973**

TMPRSS3 (NM_032405) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TMPRSS3 (NM_032405) Human 3' UTR Clone
Symbol:	TMPRSS3
Synonyms:	DFNB8; DFNB10; ECHOS1; TADG12
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_032405
Insert Size:	136 bp
Insert Sequence:	<p>>SC200973 3'UTR clone of NM_032405</p> <p>The sequence shown below is from the reference sequence of NM_032405. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <p>GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGCCGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC TTGCAATTGCTCATTGAAGCATTCTTATGATGGCTGCTTTATAATCCTTGTCAGATATTAATAATTCCA ACTCCTGATTCATGTTGGTGTGGCATCAGTTGATTATCTTTTCTCATTAAATTTGTGATGCTCCTA ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</p>
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:	<u>NM_032405.2</u>


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Summary:

This gene encodes a protein that belongs to the serine protease family. The encoded protein contains a serine protease domain, a transmembrane domain, an LDL receptor-like domain, and a scavenger receptor cysteine-rich domain. Serine proteases are known to be involved in a variety of biological processes, whose malfunction often leads to human diseases and disorders. This gene was identified by its association with both congenital and childhood onset autosomal recessive deafness. This gene is expressed in fetal cochlea and many other tissues, and is thought to be involved in the development and maintenance of the inner ear or the contents of the perilymph and endolymph. This gene was also identified as a tumor-associated gene that is overexpressed in ovarian tumors. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jan 2012]

Locus ID:

64699

MW:

5.3