

## Product datasheet for **SC201300**

### GPSN2 (TECR) (NM\_138501) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	GPSN2 (TECR) (NM_138501) Human 3' UTR Clone
Symbol:	GPSN2
Synonyms:	GPSN2; MRT14; SC2; TER
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_138501
Insert Size:	139 bp
Insert Sequence:	<p>&gt;SC201300 3'UTR clone of NM_138501</p> <p>The sequence shown below is from the reference sequence of NM_138501. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA<b>GCGATCGCC</b> CGCATGCCCATCATCCCCTTCTGCTC<b>TG</b>AGCGCTCACCCTGCTGAGGCTCAGCCCTCAACCCGGTG GCATTCTGGGGGAGGAGTGGGGCCACAGCTCTCCAGCACCCGGAATAAAGCCCGCTGCCCCAGTCGGA <b>ACGCGT</b>AAGCGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCTTCTATGAAAGG           </pre>
Restriction Sites:	Sgfl-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:	<a href="#">NM_138501.6</a>


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Summary:	This gene encodes a multi-pass membrane protein that resides in the endoplasmic reticulum, and belongs to the steroid 5-alpha reductase family. The elongation of microsomal long and very long chain fatty acid consists of 4 sequential reactions. This protein catalyzes the final step, reducing trans-2,3-enoyl-CoA to saturated acyl-CoA. Alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, Apr 2011]
Locus ID:	9524
MW:	4.8