

## Product datasheet for **SC214406**

### GPSM1 (NM\_001145639) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	GPSM1 (NM_001145639) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GPSM1
Synonyms:	AGS3
ACCN:	NM_001145639
Insert Size:	1411 bp



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**Insert Sequence:** >SC214406 3'UTR clone of NM\_001145639  
The sequence shown below is from the reference sequence of NM\_001145639. 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
CAGCAGCAGTGCCAGCCTGGTGGCAGCTAAGGCCCTGTGCCACCACCAGGCCACCCCTGCCCCACTC
CTGGACGCCGGTCTCACAGTCCACAGCCAGTCTCTCCCGAGGCCATTGCCGAGGACAGGCACTGGGCATG
CAGCCCCACGGCCTCCCCGACCCAGGGGACAGGCTCAGGCCAAGCTGCCCGTGGTGGGAGGGCGTGTCT
TCCATCCCGGGTGGCCCCATGGCCCTCAGCTTCTCTCCCTTCTGCCCTGCCGAGGCCGGACGGGGC
CTTCGGCATGTCCGGCCCCGACCTGGTGTGTGACTCCCGCATCTCTCCCCAAGCCCTTCCCGTTC
TGCCCTGCCCTGCCAAATGTGAAACCTGCTGTCTCCCCACCCTCCCCAAAGGTGTCTCTGAGCCGCC
TCTTGGGGCCACCAAGGACAGGGCCATGTTCTGTCCCCCAGAGCTGGTCTTGGGATGGCCGTGTGACA
GGCATGTCCACCCTCCAGCTTCGTCTGGGGCAGGGCTCCCTCCAAGCCTGTCTCCCACTCCCGG
CCAGAGGTCAGCAACCACAGAAGGCCCCAGACCACGATGGCAGACCAGGCTGCAGTGGCAGCCCTG
AGGTGCCCCCGCCGAGTCCCAGGGCCCTGCAGGGCCTCGACAGGAGCCGGGCCTATCTCTAAAGCAG
AGGGAATGGTGGGCATGAACTTCGACATTCCAAAACCCCAAGCCAGGAAAAAGGGCAGGGCCTGGTCC
TAGGGATGCTTACTGGCAGCAAGAGCAGTGCCAGTCAGGGTGGGAGGTAGCACCAGGCTCTGTGACCC
TCACCCAAGTGGGGGGTGGTCAAGTGGGAGGCTTCACTCAGCTCAACCCTGCAGACCCCC
ATATGAGAACCCCTCTCCACCAGCTGGGGGAGATGACATCACTGCTCTCCATGGGGAGGGGGC
TCACAGGGCACCAGTTCGGGATCTAGGACTGGCAGGACCTGCTGGAGCCTGAGATGGGCCCCAGGGG
CCTGAGGTGGCTCTCTCCAGACCCAGCTTGGCACCTCCCAAGACTGCCAAGGGCCCTACCATG
GCCCCACAGCCCCAGGGCTGGCAGTTCATCTAGGAGGGTGCCTCTAGGCCCACTCTCAGGCTAGGA
TGGAGAGGCAGATCTGGCCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
GACAGGTGCCGAACACAGGGTCTCCAGGACGTAGCGCCCCCGCATACTTGAATGTATGTGCGTATT
TATTGCTCACGTCTGTGCCATGTTGTCAATGGTCTTTTCCAACCAAGAGGTACATTTGTTTTTCTGT
TTTTCTGAAAAATAAGTCGGCCAAGTGAG
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCCTTCTATGAAAGG
```

**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\\_001145639.2](#)

**Summary:** G-protein signaling modulators (GPSMs) play diverse functional roles through their interaction with G-protein subunits. This gene encodes a receptor-independent activator of G protein signaling, which is one of several factors that influence the basal activity of G-protein signaling systems. The protein contains seven tetratricopeptide repeats in its N-terminal half and four G-protein regulatory (GPR) motifs in its C-terminal half. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]

Locus ID: 26086

MW: 49.8