

## Product datasheet for **SC216382**

### **GGPS1 (NM\_004837) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	GGPS1 (NM_004837) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GGPS1
Synonyms:	GGPPS; GGPPS1
ACCN:	NM_004837
Insert Size:	1790 bp



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**Insert Sequence:** >SC216382 3'UTR clone of NM\_004837  
 The sequence shown below is from the reference sequence of NM\_004837. 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
AGTAAGATGTTCAAAGAAGAAAATGAATGAATGTTAAGCCATTCTTGATTGGACCTCATAGCTATTTTA
GTTAATCTTTTTTGTCTTTTAGCCTTACCACCTTTTAAAAAATTTGTTATTCTCCAGAAACAGTAAA
TAGGTGAGTAGGGGTGGTGAAGTGAATTCGTTTTTATTAGAGCCCTCTGTACAGATAATCAAAT
TCAAAGTTGAAAGAATCAAAGCAGCCACAGTTATGTAGGTCTGATTTGAATGTCATAATTGCAGTGAC
AGGACATTGCCACCACTCTATCCTACTACCATCAATGTTGTGTTTATTCCGTCAATAAAAAAGACTTG
CTTCCAGGAATTTTATCCATACACTTTCTAACTGACTATCTGGGCAGTTCCAAGCCAGTTTCTATTA
GCTAGCTGGACCAAAGACCACAAATCTCTTTTTTCTAAACGCTGCTGAAGGAATATCTCACTTTTC
CCCCCGGAAACACCTCACTGAAGTCTTCTATGAAAAGGCTGATAATGGGCTGGGCGGGTGGCTCAGC
CCTGTAATCCCAGCACTTTGGGAGGCCGAGGCGGCAGATCACAGGTCAGGAGATCGAGACCATCCTG
ACACGGTGAAACCTGTCTCTACTAAAAATACAAAAAATTAGCTGGGCGTGGTGGTGGGCGCCTGTAGT
CCCAGCTACTCGGGAGGCTGAGGCAGGAGAATGGTGTGAACCCAGGAGCGGAGCTTGCAGTGAGCCGA
GATAGTGCCTCTGCACCTCCAGCCTGGGTGACAGAGCGAGACTCCGTCTCAAAAAAAGGGCTGATAATG
ATAAACAGTGAGCACTCCGGTCTTTTTCTTAGGTTTTCTTTTTCTTCTCTCCACCCACAAGTT
TTGCTTTTTAACCAAGGTGTCTGTGCTGATGAAATTCACATGCTAGTCTAAATCTTTTTTCTCCCTT
GTAACATTTATGTGCCCCAACTGGTGTAGTATATGGGTACAGCATTCCCTTTCCAATTGGGAAGCGGAA
AAAGAGAGTATGGGATATTTTAGAAGGGAGCCTTTGAACCTTATTATTTCCCCATCATTGATGATGA
CAATCTTAAAAGGGTGTCTTTCTTACCTTAAGTACAAAAGCATGAAAAATGCGCTTTTCTTCCCGCC
CACATCACCCCGACTTGAAGACAGTAGGTGCTTGAATGAAAAGTGAGTAGGCATCTTTAATCGCCC
TGATTAAGGAAAGTGTTAGCCTGAGAGGGCTGACTGAAAAGTAACCAAAGGCTTAATATCAAACACT
AATTAGCTTTTTAGTGCCTTAACCTGACCTGGTTACCAGTTTTCTGTAGTTTCTACACCAAGCCACT
GAAGTCATCTGTGGCCAAAGAGTAGGACAAAAAAGCTGATTTCAATATTTGATTT
GTTGACATCCCAAATGAAAGTTTTATGTTTCCCTTAGAAACATGTTTGTGTTCTATAGTATGTT
ACTTAGGATCTATTTACCATATATTTGTATGAGAAATCCTCACCAAGCATTCAACCTAAATCTTTGAA
AAGTTGGGTGCTGTCTTTAGTAACCTTTAAAATAGTTTAAATCTCCATTTTAAATAGTGATAAGGAAAC
CTGTTAAATCATGGCTATTGATGTTATAGTATGGAAAGTTGAACCTTATGAACCCATACTTTAAAAA
GCATTTTTAAAAATCTAACACTGACTATAGAAACAAATAAAATGTCTACCTTTAAGTATAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**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:** [NM\\_004837.4](#)

**Summary:** This gene is a member of the prenyltransferase family and encodes a protein with geranylgeranyl diphosphate (GGPP) synthase activity. The enzyme catalyzes the synthesis of GGPP from farnesyl diphosphate and isopentenyl diphosphate. GGPP is an important molecule responsible for the C20-prenylation of proteins and for the regulation of a nuclear hormone receptor. Alternate transcriptional splice variants, both protein-coding and non-protein-coding, have been found for this gene. [provided by RefSeq, Sep 2010]

**Locus ID:** 9453

**MW:** 67.9