

Product datasheet for **SC216381**

GGPS1 (NM_001037277) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GGPS1 (NM_001037277) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GGPS1
Synonyms:	GGPPS; GGPPS1
ACCN:	NM_001037277
Insert Size:	1800 bp



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Insert Sequence: >SC216381 3'UTR clone of NM_001037277
 The sequence shown below is from the reference sequence of NM_001037277. 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
GTTAATCTTTTTTTGTCTTTTAGCCTTACCACCTTTTAAAAAATTTGTTATTCTCCAGAAACAGTAAA
TAGGTGAGTAGGGGTGGTGAAGTGAATTCGTTTTTATTAGAACCCCTCTGTACAGATAATCAAAT
TCAAAGTTGAAAGAATCAAAGCAGCCACAGTTATGTAGGTCTGATTTGAATGTCATAATTGCAGTGAC
AGGACATTGCCACCACTCTATCCTACTACCATCAATGTTGTGTTTATTCCGTCAATAAAAAAGACTTG
CTTCCAGGAATTTTATCCATACACTTTCTAACTGACTATCTGGGCAGTTCCAAGCCAGTTTCTATTA
GCTAGCTGGACCAAAGACCACAAATCTCTTTTTTCTAAACGCTGCTGAAGGAATATCTCACTTTTC
CCCCCGAAACACCTCACTGAAGTCTTCTATGAAAAGGCTGATAATGGGCTGGGCGCGGTGGCTCAGC
CCTGTAATCCCAGCACTTTGGGAGGCCGAGGCGGCAGATCACAGGTCAGGAGATCGAGACCATCCTG
ACACGGTGAAACCTGTCTCTACTAAAAATACAAAAAATTAGCTGGGCGTGGTGGTGGGCGCCTGTAGT
CCCAGCTACTCGGGAGGCTGAGGCAGGAGAATGGTGTGAACCCAGGAGCGGAGCTTGCAGTGAGCCGA
GATAGTGCCTCTGCACCTCCAGCCTGGGTGACAGAGCGAGACTCCGTCTCAAAAAAAGGGCTGATAATG
ATAAACAGTGAGCACTCCGGTCTTTTTCTTAGGTTTTCTTTTTCTTCTCTCCACCCACAAGTT
TTGCTTTTTAACCAAGGTGTCTCTGCTTGTGATGAAATTCACATGCTAGTCTAAATCTTTTTTCTCCCTT
GTAACATTTATGTGCCCCAACTGGTTAGTATATGGGTACAGCATTCCCTTTCCAATTGGGAAGCGGAA
AAAGAGAGTATGGGATATTTTGAAGGGAGCCTTTGAACCTTATTATATTTCCCATCATTGATAGTGA
CAATCTTAAAAGGTTGTTTTCTTACCTTAAGTACAAAAGCATGGAAAAATGCGCTTTTCCCTTCCCGCC
CACATCACCCCGACTTGAAGACAGTAGGTGCTTGAATGAAAAGTGAGTAGGCATCTTTAATCGCCC
TGATTAAGGAAAGTGTTAGCCTGAGAGGGCCTGACTGAAAAGTAACCAAAGGCTTAATATCAAACACT
AATTAGCTTTTTAGTGCCTTAACCTGACCTGGTTACCAGTTTTCTGTAGTTTCTACACCAAGCCACT
GAAGTCATCTGTGCCAAAGAGGTAGGACAAAAAAGCTGATTTCAATATTTGATTT
GTTGACATCCCAAATGAAAGTTTTATGTTTCCCTTAGAAACATGTTTGGCTTCTATAGTATGTT
ACTTAGGATCTATTTACCATATATTTGTATGAGAAATCCTCACCAAGCATTCAACCTAAATCTTTGAA
AAGTTGGGTGCTGCTTTAGTAACTTTTAAAATAGTTTAAATCTCCATTTTAAATAGTGATAAGGAAAC
CTGTTAAAATCATGGCTATTGATGTTATAGTATGGAAAGTTGAACCTTTATGAACCATACTTTAAAAA
GCATTTTTAAAAATCTAACACTGACTATAGAAACAAATTTAAATGTCTACCTTTAAGTATAAAAAAAA
AAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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_001037277.1](#)

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: 68.4