

Product datasheet for **SC206595**

GPSM2 (NM_013296) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GPSM2 (NM_013296) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GPSM2
Synonyms:	CMCS; DFNB82; LGN; PINS
ACCN:	NM_013296
Insert Size:	2000 bp



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Insert Sequence: >SC206595 3'UTR clone of NM_013296
 The sequence shown below is from the reference sequence of NM_013296. 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
AATTCAGGGAAAAATCGGCAGACCATTAGTTACTATGGATTTATTTTTTTCCTTTCAAACACGGTAA
GGAAACAATCTATTACTTTTTCTTAAAGGAGAATTTATAGCACTGTAATACAGCTTAAATATTTT
TAGAATGATGTAATAGTTAACCTTCAGTAGTCTATTAAGGCATTAATACTTCTCTGGACATGCGCGTT
TGAGGGTGGAGGGTCTGTAAAGTGTTCATCGTCTGTGATTACTGCTTGGGATGTGTTCTTTGGCAG
CTTGTGAGATTACTTTACCTAGTGTATAAAAGTAGGAAGTAAAGTGAATCATAGATTAGAATTTAATA
CTCTTATGGAAATAATTTTTAACATCTTAATTGACAATGGCGTTTTTTTATAACATAACCATGGATGTA
GTGGGAAACAATGTTGTTGGTAAAAATAATGTACTTGATCAATGAAAAAGTATATAAAATAGTCTT
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ATCAGCAGCCAGGCGCAGTGGCTCACACCTGTAATCCCAGCACTTTGGGAGGCCGAAGCGGGCGGATCA
CTTGAGGTGCGGAGTTTGGAGCCAGCCTGGCCAACATAGTAAACCTGTCTCTACTAAAAATACAAAA
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GATAGCATTTTAAAAACTCAGGTAAGTTTCATGGGTTCTTATAAGAAAATTCAGTTAAGACAATATAC
CAAACCACAACGTAAAAAGTTTGTGTATACAACTTTTTGTATTATTTGTACACAAAGTACAAATTTGT
ATTTGTACACAAAGTACAACTTTGTGTATTATTTGTGTATACAATAGTTCTTACAGCCTGTAACA
ACGCGTAAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_013296.5](#)

Summary: The protein encoded by this gene belongs to a family of proteins that modulate activation of G proteins, which transduce extracellular signals received by cell surface receptors into integrated cellular responses. The N-terminal half of this protein contains 10 copies of leu-gly-asn (LGN) repeat, and the C-terminal half contains 4 GoLoco motifs, which are involved in guanine nucleotide exchange. This protein may play a role in neuroblast division and in the development of normal hearing. Mutations in this gene are associated with autosomal recessive nonsyndromic deafness (DFNB82). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]

Locus ID: 29899

MW: 75.4