

## Product datasheet for **MC201328**

### Gpsm3 (NM\_134116) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gpsm3 (NM_134116) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gpsm3
Synonyms:	AA960287; AGS4
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC021942 sequence for NM_134116 CCAGGGATGGAGGCTGAAAGACCCAGGAAGAAGATGGTGAACAGAGTCTCCCGCAGGATGATCAGGGAT GGCCCCGTGTGAATGCCACCGCTCGGCCTTGGAGATCTGCTCCTCCCTCCCTCCTCCTGGAACCCG ACACACAGCCCTAGGGCCCCGTTCTGGCTCCCTGCTCCTCGCAGACTGAGCTCCTTCTGGACCTAGTG GCCGAAGCCAGTCCCGCCGCTAGAGGAACAGAGGGCCACCTTCCACACCCCGAGGCCACCAAACC TAGCCCCAGCCCCACCCGGCTTCTTGAAGACAAAGAACAGCTCTACAGCACCATCCTTAGTCACCAAGTG CCAGCGGATTGAAGCCCAACGGTCTGACCCGCCCTTCCCCCGGGGGCAGGAGCTTCTGGAGTTGCTG CTGAGAGTTCAGGGTGGAGGTGGAATGGAGGAGCAGAGATCCCGGCTCCTACACACACCTGCTGAGACC GGAGCTCCTCACCAGTCCCTTCTCTCTGGGACTCAAAGCTGGGACTCCCCGAAGGTCTTCAACCCTGT TTGGCAGGGGTAACCAGAGATGGAAGACCCGGCTAAAATTGCTGTATTTACCACCCACTTCCCTGGGGA CTGGACTTGGGACAAGTACTCTAACCATGAAGATAAGCAAGGTAGGGTGGACACAACCTCCCGAGGACAGT TAAAGAGTCTCTATCCTGAGCTGTCAAGCTACTAACAGGGTGTGAGGGCTGCGGCCTGCCCTGCCTAG TGAGGAAAAAAAAAGGGAAGAGTAAGACAATTGTCCAGCACTAGCAGTCTCAGGCCCAAGGCAGAGGGG CCCAGAGGCGGTGAAGCGACTCTTACCCCGCCCCACCCCTGCTGCTGAGTCTGTCTGATGTTTTGTTGT ATGAATAAACATAATTCCCTCTGGAAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_134116
Insert Size:	480 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<u><a href="#">BC021942</a></u> , <u><a href="#">AAH21942</a></u>
<b>RefSeq Size:</b>	950 bp
<b>RefSeq ORF:</b>	480 bp
<b>Locus ID:</b>	106512
<b>UniProt ID:</b>	<u><a href="#">Q3U1Z5</a></u>
<b>Cytogenetics:</b>	17 B1
<b>Gene Summary:</b>	Interacts with subunit of G(i) alpha proteins and regulates the activation of G(i) alpha proteins.[UniProtKB/Swiss-Prot Function]