

## Product datasheet for **SC210908**

### **GPNMB (NM\_001005340) Human 3' UTR Clone**

#### Product data:

Product Type:	3' UTR Clones
Product Name:	GPNMB (NM_001005340) Human 3' UTR Clone
Symbol:	GPNMB
Synonyms:	HGFIN; NMB; PLCA3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001005340
Insert Size:	926 bp
Insert Sequence:	>SC210908 3' UTR clone of NM_001005340 The sequence shown below is from the reference sequence of NM_001005340. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Red</b> =Cloning site <b>Blue</b> =Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

ATCCGCTACTCAAAAACCAAGAATTTAAAGGAGTTTCT**TAA**ATTTGACCTTGTTTCTGAAGCTCACTTT  
TCAGTGCCATTGATGTGAGATGTGCTGGAGTGGCTATTAACCTTTTTTCTAAAGATTATTGTTAAATA  
GATATTGTGGTTTGGGAAGTTGAATTTTTATAGGTTAAATGTCATTTAGAGATGGGGAGAGGGATTA  
TACTGCAGGCAGCTTCAGCCATGTTGTGAAACTGATAAAAGCAACTTAGCAAGGCTTCTTTTCATTATTT  
TTTATGTTTCACTTATAAAGTCTTAGGTAAGTACTAGTAGGATAGAAACACTGTGTCCTGAGAGTAAGGAGAG  
AAGCTACTATTGATTAGAGCCTAACCCAGGTTAACTGCAAGAAGAGGCGGGATACTTTTCAGCTTTCCATG  
TAACTGTATGCATAAAGCCAATGTAGTCCAGTTTCTAAGATCATGTTCCAAGCTAACTGAATCCCCTTC  
AATACACTCATGAACCTCTGATGGAACAATAACAGGCCCAAGCCTGTGGTATGATGTGCACACTTGCT  
AGACTCAGAAAAAATACTACTCTCATAAATGGGTGGGAGTATTTGGTGACAACCTACTTTGCTTGGCTG  
AGTGAAGGAATGATATTCATATATTCATTTATCCATGGACATTTAGTTAGTGCCTTTTATATACCAGGC  
ATGATGCTGAGTGACACTCTTGTGTATATTTCCAAATTTTGTACAGTCGCTGCACATATTTGAAATCAT  
ATATTAAGACTTTCCAAAGATGAGTCCCTGGTTTTTTCATGGCAACTTGATCAGTAAGGATTTACACCTCT  
GTTTGTAACTAAAACCATCTACTATATGTTAGACATGACATTCTTTTTCTCTCTCTGAAAAATAAAG  
TGTGGGAAGAGACAAG

**ACGCGT**AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCG

Restriction Sites: SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001005340.1</a>
<b>Summary:</b>	The protein encoded by this gene is a type I transmembrane glycoprotein which shows homology to the pMEL17 precursor, a melanocyte-specific protein. GPNMB shows expression in the lowly metastatic human melanoma cell lines and xenografts but does not show expression in the highly metastatic cell lines. GPNMB may be involved in growth delay and reduction of metastatic potential. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	10457