

Product datasheet for **SC210907**

GPNMB (NM_002510) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: GPNMB (NM_002510) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: GPNMB
Synonyms: HGFIN; NMB; PLCA3
ACCN: NM_002510
Insert Size: 914 bp
Insert Sequence: >SC210907 3'UTR clone of NM_002510

The sequence shown below is from the reference sequence of NM_002510. 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
AAAAACCAAGAATTTAAAGGAGTTTCTTAAATTTTCGACCTTGTCTGAAGCTCACTTTTCAGTGCCAT
TGATGTGAGATGTGCTGGAGTGGCTATTAACCTTTTTTCTAAAGATTATTGTTAAATAGATATTGTG
GTTTGGGGAAGTTGAATTTTTATAGTTAAATGTCATTTTAGAGATGGGGAGAGGGATTAACTGCAG
GCAGCTTCAGCCATGTTGTGAAACTGATAAAAGCAACTTAGCAAGCTTCTTTTCATTATTTTTATGT
TTCACTTATAAAGTCTTAGGTAAGTACTAGTAGGATAGAAACACTGTGTCCCGAGAGTAAGGAGAGAAGCTA
CTATTGATTAGAGCCTAACCCAGGTTAACTGCAAGAAGAGGGGATACTTTCAGCTTCCATGTAAGT
GTATGCATAAAGCCAATGTAGTCCAGTTTCTAAGATCATGTTCCAAGCTAACTGAATCCCACTTCAATA
CACACTCATGAAGTCTGATGGAACAATAACAGGCCCAAGCCTGTGGTATGATGTGCACACTTGCTAGA
CTCAGAAAAAATACTACTCTCATAAATGGGTGGGAGATTTTGGTGACAACCTACTTTGCTTGGCTGAG
TGAAGGAATGATATTCATATATTCATTTATTCCATGGACATTTAGTTAGTGCTTTTTATATACCAGGCA
TGATGCTGAGTGACACTTTGTGTATATTTCCAAATTTTGTACAGTCGCTGCACATATTTGAAATCAT
ATATTAAGACTTTCCAAAGATGAGGTCCCTGGTTTTTCATGGCAACTTGATCAGTAAGGATTTACCTC
TGTTTGTAACTAAAACCTACTATATGTTAGACATGACATTCTTTTTCTCTCTTCTGAAAAATAA
AGTGTGGGAAGAGACAA
ACGCGT AAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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).



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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_002510.3
Summary:	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]
Locus ID:	10457
MW:	34.8