

## Recombinant Human GPNMB Protein, DYKDDDDK-tagged

Cat. No. GPNMB-151H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human glycoprotein(transmembrane)nmb(GPNMB), transcript variant 1(NM_001005340), with a DYKDDDDK tag, was expressed in human cells.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>Description</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.
<b>Form</b>	Purified protein formulated in a sterile solution of TBS buffer, pH7.313, without any preservatives.
<b>Molecular Mass</b>	61.5 kDa
<b>Endotoxin</b>	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
<b>Purity</b>	>90% by SDS-PAGE gel and Coomassie Blue staining
<b>Applications</b>	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

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## GENE INFORMATION

**Gene Name** GPNMB glycoprotein (transmembrane) nmb [ Homo sapiens ]

**Official Symbol** GPNMB

**Synonyms** GPNMB; glycoprotein (transmembrane) nmb; transmembrane glycoprotein NMB; glycoprotein NMB; glycoprotein nmb like protein; HGFIN; NMB; osteoactivin; transmembrane glycoprotein; glycoprotein nmb-like protein; transmembrane glycoprotein HGFIN;

**Gene ID** 10457

**mRNA Refseq** NM\_001005340

**Protein Refseq** NP\_001005340

**MIM** 604368

**UniProt ID** Q14956

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