

Recombinant Human GPNMB, GST-tagged

Cat. No. GPNMB-13430H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human GPNMB protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 22-181a.a. |
| Description | This gene encodes one of the gamma subunits of a guanine nucleotide-binding protein. Such proteins are involved in signaling mechanisms across membranes. Various subunits forms heterodimers which then interact with the different signal molecules. |
| Storage | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles. |
| Storage Buffer | 1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

GENE INFORMATION

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| Gene Name | GPNMB glycoprotein (transmembrane) nmb [Homo sapiens] |
| Official Symbol | GPNMB |

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| 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 |
| Chromosome Location | 7p |
| Function | heparin binding; integrin binding; |

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