

## Recombinant Human GPNMB Protein, hFc-tagged

Cat. No. GPNMB-748H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GPNMB Protein(Q14956-2) (Met1-Pro474), fused to C-terminal hFc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Pro474
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human GPNMB/Fc is a disulfide-linked homodimer. The reduced monomer comprises 694 amino acids and has a predicted molecular mass of 77.8 kDa. The apparent molecular mass of the protein is approximately 114 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## 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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