

Recombinant Human GPNMB Protein, hFc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human GPNMB Protein(Q14956-2) (Met1-Pro474) was expressed in HEK293 with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-474 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

 Tel: 1-631-559-9269 1-516-512-3133

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

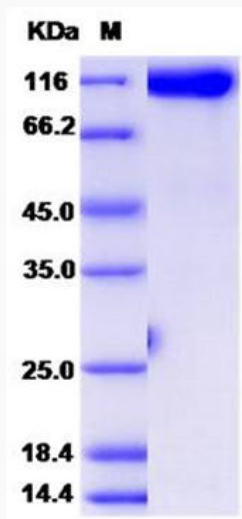
Gene Name	GPNMB glycoprotein (transmembrane) nmb [Homo sapiens]
Official Symbol	GPNMB
Synonyms	GPNMB; glycoprotein (transmembrane) nmb; transmembrane glycoprotein NMB; glycoprotein NMB; glycoprotein nmb like protein; HGFIN; NMB; osteoactivin; transmembrane glycoprotein; glycoprotein nmb-like protein; transmembrane glycoprotein HGFIN;
Gene ID	10457
mRNA Refseq	NM_001005340
Protein Refseq	NP_001005340
MIM	604368
UniProt ID	Q14956

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SDS-PAGE



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