

Recombinant Human GPNMB, Fc tagged

Cat. No. GPNMB-555H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPNMB (Q14956-2) (Met1-Pro474), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
Species	Human
Source	Human Cells
ProteinLength	1-474 a.a.
Predicted N Terminal	Ala 22
Form	Lyophilized from sterile PBS, pH 7.4 Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
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 co
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

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Storage Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted 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. 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

Gene ID 10457

mRNA Refseq NM_001005340

Protein Refseq NP_001005340

MIM 604368

UniProt ID Q14956

Chromosome Location 7p

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