

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 7.4Normally 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.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA