

Recombinant Human GPNMB protein(Met1-Pro474), His-tagged

Cat. No. GPNMB-3782H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPNMB isoform 2 (Q14956-2)(Met 1-Pro 474) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Pro474
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human GPNMB consists of 464 amino acids and predicts a molecular mass of 52.2 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhGPNMB is approximately 85-90 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 98 % as determined by SDS-PAGE
Storage	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.

 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

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

 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