

Recombinant Human GPNMB protein, His-tagged, Low Endotoxin

Cat. No. GPNMB-072H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPNMB protein(NP_002501.1)(Lys23-Asn486), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	23-486 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 53.1 kDa. Due to glycosylation, the protein migrates to 78-98 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

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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

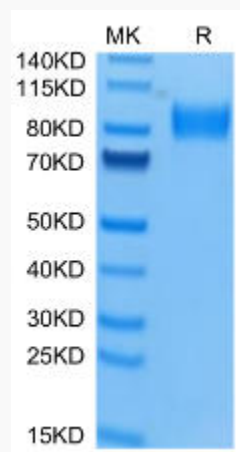
mRNA Refseq NM_001005340

Protein Refseq NP_001005340

MIM 604368

UniProt ID Q14956

Bis-Tris PAGE



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