

Recombinant Human GPNMB protein, His-tagged

Cat. No. GPNMB-2980H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPNMB protein(38-158 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	38-158 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MREHNQLNGWSSDENDWNEKLYPVWKRGD MRWKN SWKGGRVQAVLTSDSPALV GSNITFAVNLIFFRCQKEDANGNIVYEKNCRNEAGLSADPYVYNWTAWSESDSDGEN GTGQSHHNVFPD
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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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