

# Human GPNMB Recombinant Protein



RPPB3637

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## Product Information    Protein Information

**Product SKU:**

RPPB3637

**Accession:**

Q14956

**Host:**

Escherichia Coli.

**Protein description:**

GPNMB Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 476 amino acids (22-474) and having a molecular mass of 53.2 kDa. GPNMB is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Transmembrane glycoprotein NMB, Transmembrane glycoprotein HGFIN, GPNMB, HGFIN, NMB, Glycoprotein (transmembrane) nmb.

**Formulation:**

The GPNMB solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.

**Purity:**

Greater than 85.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SSGLVPRGSH MGS AKRFHDV LGNERPSAYM REHNQLNGWS SDENDWNEKL  
YPVWKRGD MR WKNSWKGRV QAVLTSDSPA LVGSNITFAV NLIFPRCQKE DANGNIVYEK NCRNEAGLSA  
DPYVYNWTAW SEDSDGENGT QQSHHNVPD GKPFPHHPGW RRWNFIYVFH TLGQYFQKLG RCSVRVSVNT  
ANVTLGPQLM ETVYRRHGR AYVPIAQVKD VYVTDQIPV FVTMFQKNDR NSSDETFLKD LPIMFDVLIH  
DPSHFLNYST INYKWSFGDN TGLFVSTNHT VNHTYVLNGT FSLNLT VKAA APGPCPPPPP PPRPSKPTPS  
LGPAGDNPLE LSRI PDENCQ INRYGHFQAT ITIVEGILEV NIIQM TDVLM PVPWPESLI DFVTCQGSI  
PTEVCTIISD PTCEITQNTV CSPVDVDEMC LLTVRRTFNG SGT YCVNLT L GDDTSLALTS TLISVP.