

# Human GPNMB Recombinant Protein



RPPB3639

## Product Information Protein Information

**Product SKU:**

RPPB3639

**Accession:**

Q14956

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

GPNMB Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 462 amino acids (22-474a.a.) and having a molecular mass of 51.8kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa).GPNMB is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

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

**Formulation:**

GPNMB protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Purity:**

Greater than 90.0% 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:**

ADPAKRFHDV LGNERPSAYM REHNQLNGWS SDENDWNEKL YPVWKRGM R WKNWSWKGRV  
QAVLTS DSPA LVGSNITFAV NLIFPRCQKE DANGNIVYEK NCRNEAGLSA DPYVYNWTAW SEDSDGENGT  
GQSHHNVPD GKPFPHHPGW RRWNFIYVFH TLGQYFQKLG RCSVRVSVNT ANVTLGPQLM EVTYYRRHGR  
AYVPIAQVKD VYVVDQIPV FVTMFQKNDR NSSDETFLKD LPIMFDVLIH DSPHFLNYST INYKWSFGDN  
TGLFVSTNHT VNHTYVLNGT FSLNLTVAAA APGPCPPPPP PPRPSKPTPS LGPAGDNPLE LSRIPDENCQ  
INRYGHFQAT ITIVEGILEV NIIQMTDVLM PVPWPESLI DFVVTQCGSI PTEVCTIISD PTCEITQNTV  
CSPVDVDEMC LLTVRRTFNG SGTYCVNLTLDGDDTSLALTS TLISVPHHHH HH.