

Human GPNMB Recombinant Protein



RPPB3638

Product Information Protein Information

Product SKU:

RPPB3638

Accession:

Q14956

Host:

HEK 293.

Protein description:

GPNMB Human Recombinant produced in HEK cells is a single, glycosylated, polypeptide chain (a.a 22-486) containing a total of 477 amino acids, having a molecular mass of 53.7kDa (calculated), though it migrates at approximately 97kDa on SDS PAGE, the GPNMB is fused to a 2 a.a C-terminal linker and a 10 a.a His tag at C-Terminus. The Human GPNMB is purified by proprietary chromatographic techniques.

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Transmembrane glycoprotein NMB, Transmembrane glycoprotein HGFIN, GPNMB, HGFIN, NMB.

Formulation:

Filtered (0.4µm) and lyophilized from 0.5mg/ml in 0.05M phosphate buffer and 0.075M NaCl, pH 7.4.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add deionized water to a working concentration of 0.5mg/ml and let the lyophilized pellet dissolve completely. GPNMB is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time.

Amino Acid Sequence:

AKRFHDVLGN ERPSAYMREH NQLNGWSSDE NDWNEKLYPV WKRGD MRWKN SWKGGRVQAV
LTS DSPALVG SNITFAVNLI FPRCQKEDAN GNIVYEKNCR NEAGLSADPY VYNWTA WSED SDGENGTGQS
HHNVFPDGKP FPHHPGWRRW NFIYVFHTLG QYFQKLGRC S VRVSVNTANV TLGPQLMEVT VYRRHGRAYV
PIAQVKDVVY VTDQIPVFVT MFQKNDRNSS DETFLKDLPI MFDVLIHDPS HFLNYSTINY KWSFGDNTGL
FVSTNHTVNH TYVLNGTFSL NLTVKAAAPG PCPPPPPPR PSKTPSLAT TLKSYDSNTP GPAGDNPLEL
SRIPDENCQI NRYGHFQATI TIVEGILEVN IIQMTDVLMP VPWPSSLID FVVCQGSIP TEVCTIISDP
TCEITQNTVC SPVDVDEMCL LTVRRTFNGS GTYCVNLTG DDTSLALTST LISVP KLHHH HHHHHHH.