

Glycoprotein Nmb Human Recombinant

Item Number	rAP-3342
Synonyms	Transmembrane glycoprotein NMB, Transmembrane glycoprotein HGFIN, GPNMB, HGFIN, NMB, Glycoprotein (transmembrane) nmb.
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.
Uniprot Accession Number	Q14956
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSAKRFHDV LGNERPSAYM REHNQLNGWS SDENDWNEKL YPVWKRGDMR WKNSWKGGRV QAVLTSDSPA LVGSNITFAV NLIFPRCQKE DANGNIVYEK NCRNEAGLSA DPYVYNWTAW SEDSDGENGT GQSHHNVPD GKPFPHHPGW RRWNFIYVFH TLGQYFQKLG RCSVRVSVNT ANVTLPQLM EVTVYRRHGR AYPVIAQVKD VYVTDQIPV FVTMFQKNDR NSSDETFLKD LPIMFDVLH DPSHFLNYST INYKWSFGDN TGLFVSTNHT VNHTYVLNGT FSLNLT VKAA APGPCPPPPP PPRPSKPTPS LGPAGDNPLE LSRIPDENCQ IN-
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The GPNMB solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**