

Product Name: Recombinant Human GPNMB (C-6His)
Catalog #: PHH1252

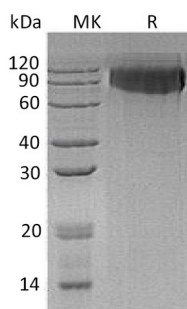


概述 (Summary)

英文全称	Osteoactivin/GPNMB
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Glycoprotein Non-Metastatic Melanoma Protein B is produced by our Mammalian expression system and the target gene encoding Lys23-Pro486 is expressed with a 6His tag at the C-terminus.
Accession #	Q14956
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	53.09 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

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背景 (Background)

分子别名 (Alternative Names)

Transmembrane Glycoprotein NMB; Transmembrane Glycoprotein HGFIN; GPNMB; HGFIN; NMB

背景介绍 (References)

Osteoactivin is an intracellular glycoprotein belongs to the NMB/pMEL-17 family, which is associated with cell endosomal/lysosomal compartments. Human Osteoactivin is a 560 amino acid type I transmembrane protein, and one alternate splice form shows a 12 amino acid insert between amino acid 339-340. An additional 206 amino acid isoform shows a mutation at position 181 that results in a 26 amino acid substitution for the C-terminal 380 amino acids. Cells known to express Osteoactivin include fibroblast, osteoblasts, myeloid dendritic cell, melanocytes, plus fetal chondrocytes and stratum basale keratinocytes, macrophages/keratinocytes.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.