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GPNMB, 22-474aa, Human, His-tag, Baculovirus

产品货号: TP02319

第三版

别名:Glycoprotein nmb, GPNMB, NMB, HGFIN

描述:GPNMB, also known as glycoprotein nmb, is a transmembrane glycoprotein that is expressed in numerous cells, including osteoclasts, macrophages, dendritic cells, and tumor cells. It shows expression in the lowly metastatic human melanoma cell lines and xenografts but does not show expression in the highly metastatic cell lines. This protein participates in bone mineralization, and functions as a negative regulator of inflammation in macrophages. It may be involved in growth delay and reduction of metastatic potential. Recombinant human GPNMB protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量:51.8kDa (462aa), 50-70KDa (SDS-PAGE under reducing conditions.)

序列:

ADPAKRFHDVLGNERPSAYMREHNQLNGWSSDENDWNEKLYPVWKRGMRWKNSWKGGRVQAVLTSDSPALVGSNI
TFAVNLIFPRCQKEDANGNIVYEKNCRNEAGLSADPYVYNWTAWSESDGNGTGGQSHHNVFPDGKPFPHHPGWRRW
NFIYVFHTLGQYFQKLGRCSVRVSVNTANVTLGPQLMEVTYRRRHGRAYVPIAQVKDVYVVTQIPVFVTMFQKNDRN
SSDETFLKDLPIIMFDVLIHDPHFNYSTINYKWSFGDNTGLFVSTNHTVNHTYVLNGTFSLNLTVKAAAPGPCPPPPPPR
PSKPTPSLGPAGDNPLELSRIPDENCQINRYGHFQATITIVEGILEVNIIQMTDVLMPVPWPPESSLIDFVVTCCQGSIPTEVCTII
SDPTCEITQNTVCSPVDVDEMCLLTVRRTFNGSGTYCVNLTGDDTSLALTSTLISVPHHHHHH

纯度:> 95% by HPLC

浓度:0.5mg/ml (determined by BCA assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.