Recombinant Human GPNMB Protein, His-Tagged

Cat. No. GPNMB-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPNMB Protein, His-Tagged was expressed in Baculovirus cell line.
Species	Human
Source	Insect Cells
ProteinLength	462aa
Description	The protein encoded by this gene is a type I transmembrane glycoprotein which shows homology to the pMEL17 precursor, a melanocyte-specific protein. GPNMB shows expression in the lowly metastatic human melanoma cell lines and xenografts but does not show expression in the highly metastatic cell lines. GPNMB may be involved in growth delay and reduction of metastatic potential. Two transcript variants encoding different isoforms have been found for this gene.
Form	Liquid
Molecular Mass	51.8 kDa
Endotoxin	< 1 EU per 1ug of protein (determined by LAL method)
Purity	> 90% by SDS-PAGE
Applications	SDS-PAGE

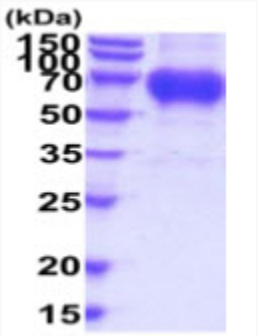
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Note: For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Storage	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by BCA assay)
Storage Buffer	Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

GENE INFORMATION

Gene Name	GPNMB glycoprotein nmb [Homo sapiens (human)]
Official Symbol	GPNMB
Synonyms	Glycoprotein nmb, GPNMB, NMB, HGFIN
Gene ID	10457
mRNA Refseq	NM_002510.3
Protein Refseq	NP_002501.1
MIM	604368
UniProt ID	Q14956

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE	 15% SDS-PAGE (3ug) 3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA