

GPNMB recombinant protein

Human GPNMB Protein, His Tag

CATALOG #
AAA47604

HOST
HEK293

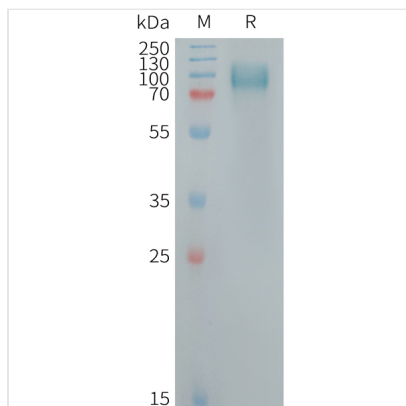
PRODUCT SYNONYMS

GPNMB; Human GPNMB Protein; His Tag; HGFIN; NMB; PLCA3; GPNMB recombinant protein

PRODUCT SPECIFICATIONS

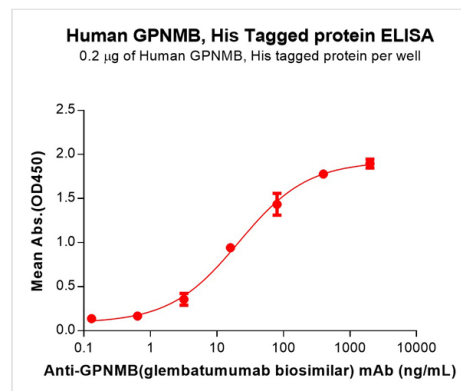
Host	HEK293
Purity/Purification	Purified from cell culture supernatant by affinity chromatography The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose is added as protectants before lyophilization.
Sequence	GPNMB(Lys2 3-Met496)6 ×Histag
Tag	C-6×His Tag
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing).

IMAGES



SDS-PAGE

Figure 1. Human GPNMB Protein, His Tag on SDS-PAGE under reducing condition.



ELISA

Figure 1. Human GPNMB Protein, His Tag on SDS-PAGE under reducing condition.

ADDITIONAL INFORMATION

Related Product Information for GPNMB recombinant protein

Recombinant Human GPNMB Protein with C-terminal 6×His tag

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. [provided by RefSeq, Jul 2008]

Product Categories/Family for GPNMB recombinant protein

[ECD 1182](#); [ECD Proteins](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	52694752
NCBI GeneID	10457
NCBI Accession #	NP_001005340.1
NCBI GenBank Nucleotide #	NM_001005340.1
UniProt Accession #	Q14956; Q6UVX1; Q8N1A1; A4D155
Molecular Weight	62,643 Da
NCBI Official Full Name	transmembrane glycoprotein NMB isoform a
NCBI Official Synonym Full Names	glycoprotein (transmembrane) nmb
NCBI Official Symbol	GPNMB
NCBI Official Synonym Symbols	NMB; HGFIN
NCBI Protein Information	transmembrane glycoprotein NMB; glycoprotein nmb-like protein; osteoactivin; transmembrane glycoprotein HGFIN
UniProt Protein Name	Transmembrane glycoprotein NMB
UniProt Gene Name	GPNMB
UniProt Synonym Gene Names	HGFIN; NMB
UniProt Entry Name	GPNMB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/gpnmb-recombinant-protein-hek293/47604>