

Osteoactivin/GPNMB Recombinant Protein | GPNMB recombinant protein

Recombinant Human Osteoactivin/GPNMB Protein

CATALOG # AAA282496	HOST HEK293 cells
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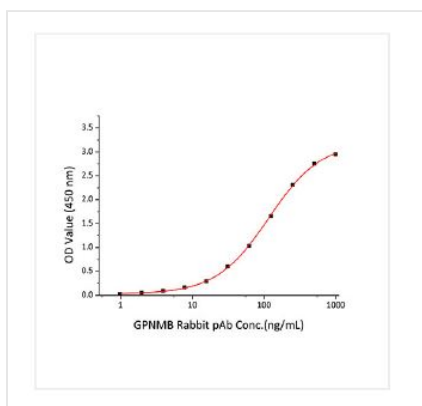
PRODUCT SYNONYMS

Osteoactivin/GPNMB; Recombinant Human Osteoactivin/GPNMB Protein; GPNMB; HGFIN; NMB; GPNMB recombinant protein

PRODUCT SPECIFICATIONS

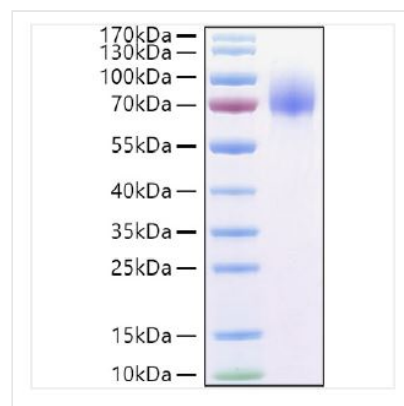
Host	HEK293 cells
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Human
Tag	C-His
Bioactivity	Measured by its binding ability in a functional ELISA. Immobilized Human GPNMB Protein at 1 ug/mL (100 uL/well) can bind GPNMB Rabbit pAb with a linear range of 0.976-116.5 ng/mL.
Preparation and Storage	Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles. Ship: Ice Pack

IMAGES



Application Data

Immobilized recombinant Human GPNMB Protein at 1ug/mL (100 uL/well) can bind GPNMB Rabbit pAb with a linear range of 0.976-116.5ng/mL.



SDS-PAGE

Active Recombinant Human Osteoactivin/GPNMB Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 70-100kDa.

ADDITIONAL INFORMATION

Related Product Information for GPNMB recombinant protein	Recombinant Human Osteoactivin/GPNMB Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met1-Pro474) of human Osteoactivin/GPNMB (Accession #NP_002501.1) fused with a 6×His tag at the C-terminus.
Product Categories/Family for GPNMB recombinant protein	Biosimilar Drug Targets

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-cells/282496>