

Recombinant Human Osteoactivin/GPNMB Protein

Catalog No.: RP00263

Sequence Information

Species	Gene ID
Human	10457
Swiss Prot	Tags
Q14956-2	C-hFc&His

Synonyms

GPNMB,HGFIN,NMB

Product Information

Source	Purification
HEK293 cells	≥ 90 % as determined by SDS-PAGE.

Calculated MW Observed MW

79.98 kDa 110–130 kDa

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1–0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Basic Information

Description

Recombinant Human Osteoactivin/GPNMB Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Met1–Pro474) of human GPNMB (Accession #NP_002501.1) fused with an Fc, 6×His tag at the C-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at –20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

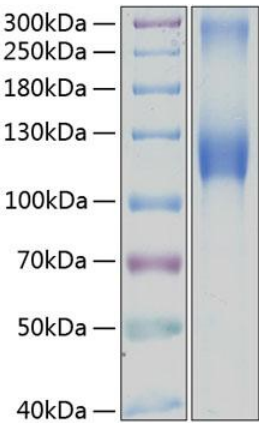
Contact

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Validation Data



Recombinant Human Osteoactivin/GPNMB Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.