

RP03572

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Recombinant Mouse Osteoactivin/GPNMB Protein

Catalog No.: RP03572

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	93695	Q99P91

Tags

NO-tag

Synonyms

Transmembrane glycoprotein
NMB;Osteoactivin;Gpnmb; Dchil;
Hgf; Nmb

Product Information

Source

Dissolve the
lyophilized protein
in distilled water.

Purification

> 95% as
determined by Bis-
Tris PAGE, > 95% as
determined by
HPLC

Endotoxin

< 1 EU/μg of the protein by LAL
method.

Formulation

Lyophilized from 0.22μm filtered
solution in PBS (pH 7.4). Normally 8%
trehalose is added as protectant
before lyophilization.

Reconstitution

Dissolve the lyophilized protein in
distilled water.

Background

GPNMB is highly expressed in macrophages and microglia, which are cells involved with innate immune response in the periphery and the brain, respectively. Some studies have shown increased levels of GPNMB in pro-inflammatory conditions, such as LPS treatment, and in pathological conditions, such as neurodegenerative diseases and cancer.

Basic Information

Description

Recombinant Mouse Osteoactivin/GPNMB Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Lys23-Asn502) of Mouse Osteoactivin/GPNMB (Accession #NP_444340.3.) fused with No tag.

Bio-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.

Operational Notes

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

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

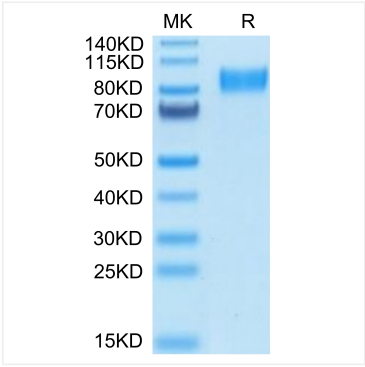
Contact



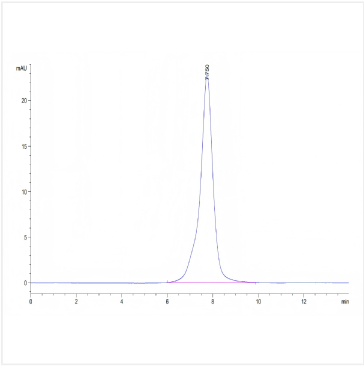
www.abclonal.com

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Validation Data



Recombinant Mouse Osteoactivin/GPNMB Protein was determined by Bis-Tris PAGE under reduced condition.



The purity of Mouse Osteoactivin is greater than 95% as determined by SEC-HPLC.