

Recombinant Mouse GDF15 Protein

Catalog No.: RP03177

Sequence Information

Species	Gene ID
Mouse	23886
Swiss Prot	Tags
Q9Z0J7	N-hFc

Synonyms

GDF-15; MIC-1; NAG-1; PDF;
PLAB; PTGFB; GDF15; MIC1; RG-1;
Placental TGF-beta; PTGF-beta;
PTGFBPTGF-beta

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Calculated MW/Observed MW

37.9 kDa 40-50 kDa

Endotoxin

< 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 tube 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

Growth Differentiation Factor 15 (GDF15), also known as NSAID activated gene-1 (NAG-1), is associated with a large number of biological processes and diseases, including cancer and obesity. GDF15 is synthesized as pro-GDF15, is dimerized, and is cleaved and secreted into the circulation as a mature dimer GDF15.

Basic Information

Description

Recombinant Mouse GDF15 Protein is produced by Human cells expression system. The target protein is expressed with sequence (Ser189-Ala303) of mouse GDF15 (Accession #Q9Z0J7) fused with a hFc tag at the N-terminus.

Activity

Immobilized Mouse GFRAL, His Tag at 2 μg/mL (100 μL/well) on the plate.
Dose response curve for Mouse GDF15, hFc Tag with the EC₅₀ of 3.0 ng/mL
determined by ELISA.

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.

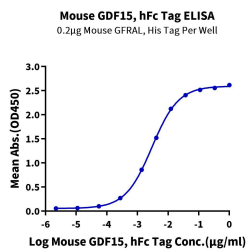
Contact

☎ | 400-999-6126

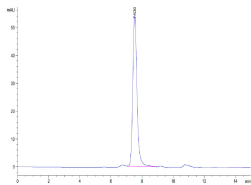
✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

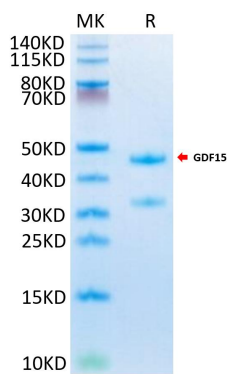
Validation Data



Immobilized Mouse GFRAL, His Tag at 2 µg/mL (100µL/well) on the plate. Dose response curve for Mouse GDF15, hFc Tag with the EC₅₀ of 3.0 ng/mL determined by ELISA.



The purity of Mouse GDF15 is greater than 95% as determined by SEC-HPLC.



Recombinant Mouse GDF15 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.