RP02959

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Recombinant Mouse Leptin receptor/LEP-R/CD295 Protein

Catalog No.: RP02959 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	16847	P48356

Tags
C-His

Synonyms
Leptin receptor; LEP-R; HuB219; OB receptor; OB-R; CD295; LEPR; DB; OBR

Product Information

Source
HEK293 cells

Purification
> 90% by SDS-PAGE.

Endotoxin
<1EU/μg

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

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

Contact

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Background

This protein is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities and are involved in a variety of biological processes. This protein is a secreted endocrine factor that functions as a major metabolic regulator. The protein stimulates the uptake of glucose in adipose tissue.

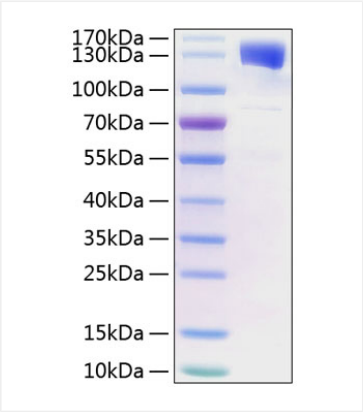
Basic Information

Description
Recombinant Mouse Leptin receptor/LEP-R/CD295 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Leu22-Gly839) of mouse Leptin receptor/LEP-R/CD295 (Accession #NP_666258.2) fused with 6×His tag at the C-terminus.

Bio-Activity

Storage
Store the lyophilized protein at -20°C to -80°C for 12 months.
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Mouse Leptin receptor/LEP-R/CD295 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 120-150 kDa.