

Recombinant Mouse Leptin receptor/LEP-R /CD295 Protein

Catalog No.: RP02959

Sequence Information

Species	Gene ID
Mouse	16847
Swiss Prot	Tags
P48356	C-His

Synonyms

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

Product Information

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

Calculated MW	Observed MW
93 kDa	120-150 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.

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

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.

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

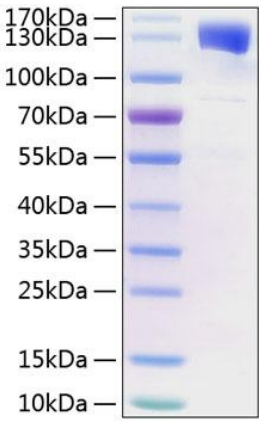
Operational Notes

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

Contact

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Validation Data



Recombinant Mouse Leptin receptor/LEP-R/CD295 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.