

Active Recombinant Mouse Lepr Protein, mFc-tagged

Cat. No. Lepr-02M Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Mouse Lepr Protein(P48356) is produced by our Mammalian expression system and the target gene encoding Leu22-Gly839 is expressed with a mouse IgG1 Fc tag at the C-terminus.
Species	Mouse
Source	Mammalian cells
ProteinLength	22-839 aa
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Bio-activity	Immobilized Recombinant Mouse LEPR (C-mFc) at 5µg/ml (100 µl/well) can bind Recombinant Mouse Leptin(CR70)*. The ED50 of Recombinant Mouse Leptin is 1.59ng/ml. *: Biotinylated by NHS-biotin prior to testing.
Molecular Mass	118.5 KDa
Endotoxin	< 1 EU/g as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name [Lepr leptin receptor \[Mus musculus \]](#)

Official Symbol [Lepr](#)

Synonyms LEPR; leptin receptor; B219; LEP-R; OB receptor; leptin receptor gene-related protein; db; Obr; obl; Leprb; Modb1; LEPROT; OB-RGRP; diabetes; obese-like; MGC105189;

Gene ID [16847](#)

mRNA Refseq [NM_001122899](#)

Protein Refseq [NP_001116371](#)

SDS-PAGE

ELISA Data

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