

## Active Recombinant Mouse Lepr Protein, His-tagged

Cat. No. Lepr-01M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Mouse Lepr Protein(P48356) is produced by our Mammalian expression system and the target gene encoding Leu22-Gly839 is expressed with a 6His tag at the C-terminus.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian cells
<b>ProteinLength</b>	22-839 aa
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
<b>Bio-activity</b>	Immobilized Recombinant Mouse LEPR (C-10His) at 5µg/ml (100 µl/well) can bind Recombinant Mouse Leptin(CR70)*. The ED50 of Recombinant Mouse Leptin is 1.16 ng/ml. *: Biotinylated by NHS-biotin prior to testing.
<b>Molecular Mass</b>	93 KDa
<b>Endotoxin</b>	< 1 EU/g as determined by LAL test.
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Storage</b>	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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