

Recombinant Mouse Lep protein(Met1-Cys167), mFc-tagged

Cat. No. Lep-2367M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Leptin (P41160) (Met1-Cys167) was expressed in HEK293 with the Fc region of Mouse IgG2a at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Cys167
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse Leptin consists of 394 amino acids and predicts a molecular mass of 43.33 kDa. It migrates as an approximately 50.13 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 85 % as determined by 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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Lep leptin [<i>Mus musculus</i>]
Official Symbol	Lep
Synonyms	LEP; leptin; obesity factor; ob; obese;
Gene ID	16846
mRNA Refseq	NM_008493
Protein Refseq	NP_032519

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