

Recombinant Mouse leptin Protein, Tag Free

Cat. No. Lep-241M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Leptin protein (P41160) (Val 22-Cys 167) without tag was expressed in HEK293.
Species	Mouse
Source	HEK293
Protein Length	22-167aa
Description	The primary function of the hormone leptin is the regulation of adipose tissue mass through central hypothalamus mediated effects on hunger, food energy use, physical exercise and energy balance. Outside the brain, in the periphery of the body, leptin's secondary functions are: modulation of energy expenditure, modulation between fetal and maternal metabolism, and that of a permissive factor in puberty, activator of immune cells, activator of beta islet cells, and growth factor.
Tag	Non
Molecular Mass	16.4 kDa
Endotoxin	Less than 1.0 EU/μg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

months from date of receipt at -20 to -80 centigrade. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.

Reconstitution

Reconstitute at 250 µg/mL in sterile water.

GENE INFORMATION

Gene Name

Lep leptin [Mus musculus (house mouse)]

Official Symbol

Lep

Synonyms

LEP; leptin; obesity factor; ob; obese;

Gene ID

16846

mRNA Refseq

NM_008493

Protein Refseq

NP_032519

UniProt ID

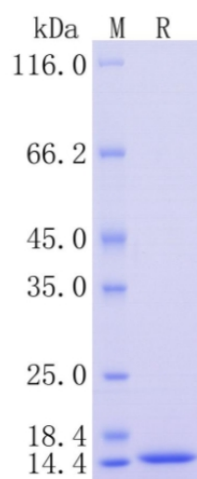
P41160

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Protein on SDS-
PAGE under
reducing (R)
condition.**



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA