# Recombinant Mouse Lepr protein, His & T7-tagged

**Cat. No.** Lepr-670M **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Mouse Lepr aa. (Leu22~Lys203 (Accession# P48356)) fused with N-terminal His & T7 tag was produced in E. coli cells. |
| **Species** | Mouse |
| **Source** | E.coli |
| **ProteinLength** | Leu22~Lys203 |
| **Form** | Freeze-dried powder |
| **Molecular Mass** | Predicted Molecular Mass: 23.7kDa |
| **Endotoxin** | <1.0EU per 1μg (determined by the LAL method) |
| **Purity** | >95% |
| **Characteristic** | The isoelectric point is 5.8. |
| **Applications** | SDS-PAGE; WB; ELISA; IP. |
| **Stability** | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

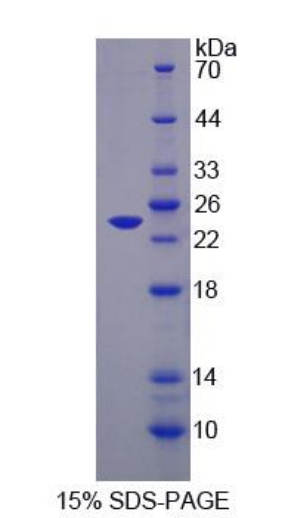
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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| **Storage** | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. |
| **Storage buffer** | Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl. |
| **Reconstitution** | Reconstitute in sterile PBS, pH7.2-pH7.4. |

## GENE INFORMATION

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| **Gene Name** | Lepr leptin receptor [ Mus musculus (house mouse) ] |
| **Official Symbol** | Lepr |
| **Synonyms** | db; Obr; obl; Leprb; Modb1; LEPROT; OB-RGRP; diabetes; obese-like; B219; LEP-R; OB receptor; leptin receptor gene-related protein; leptin receptor |
| **Gene ID** | 16847 |
| **mRNA Refseq** | NM_001122899.1 |
| **Protein Refseq** | NP_001116371.1 |
| **UniProt ID** | P48356 |

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| **SDS-PAGE** | <br>15% SDS-PAGE |

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