

# Recombinant Human LEPR protein, His-tagged, Low Endotoxin

**Cat. No.** LEPR-3160H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human LEPR protein(P48357-1)(Phe22-Asp839), fused with C-terminal His tag, was expressed in HEK293.                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 22-839 aa                                                                                                                                                                                                                        |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.                                                                                                   |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 94.59 kDa. Due to glycosylation, the protein migrates to 120-150 kDa based on Bis-Tris PAGE result.                                                                                            |
| <b>Endotoxin</b>        | Less than 0.01 EU per µg by the LAL method.                                                                                                                                                                                      |
| <b>Purity</b>           | > 90% as determined by Bis-Tris PAGE; > 90% as determined by HPLC                                                                                                                                                                |
| <b>Storage</b>          | Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |
| <b>Reconstitution</b>   | Dissolve the lyophilized protein in distilled water.                                                                                                                                                                             |

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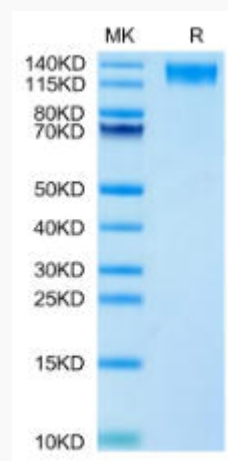
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## GENE INFORMATION

|                        |                                                                                     |
|------------------------|-------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | LEPR leptin receptor [ Homo sapiens ]                                               |
| <b>Official Symbol</b> | LEPR                                                                                |
| <b>Synonyms</b>        | LEPR; leptin receptor; CD295; OBR; huB219; OB receptor; OB-R; LEP-R; DKFZp686B1731; |
| <b>Gene ID</b>         | 3953                                                                                |
| <b>mRNA Refseq</b>     | NM_001003679                                                                        |
| <b>Protein Refseq</b>  | NP_001003679                                                                        |
| <b>UniProt ID</b>      | P48357                                                                              |

### Bis-Tris PAGE



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