

Active Recombinant Human LEPR, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human LEPR (NP_002294.2) extracellular domain (Met 1-Asp 839), fused with a C-terminal polyhistidine tag, was produced in Human Cell.
Species	Human
Source	HEK293
ProteinLength	Met 1-Asp 839
Form	Lyophilized from sterile PBS, pH 7.4
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human Leptin at 5 µg/ml (100 µl/well) can bind human Leptin receptor with a linear range of 0.032-4.0 µg/ml.
Molecular Mass	The recombinant human LEPR consists of 829 amino acids and has a predicted molecular mass of 95 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh LEPR is approximately 130-140 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % 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

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

GENE INFORMATION

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

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