

LEP recombinant protein

Recombinant Rat LEP Protein

CATALOG #
AAA282594

HOST
E coli

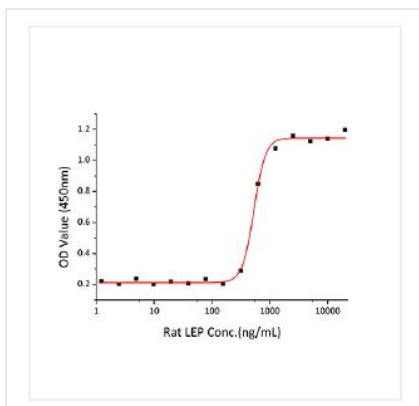
PRODUCT SYNONYMS

LEP; Recombinant Rat LEP Protein; OB; obese; LEP recombinant protein

PRODUCT SPECIFICATIONS

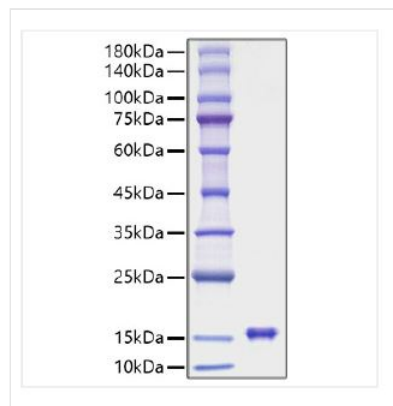
Host	E coli
Purity/Purification	> 97% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Rat
Tag	NO-tag
Bioactivity	Measured by its binding ability in a functional ELISA. Immobilized Human LEPR at 5 ug/mL (100 uL/well) can bind Rat LEP with a linear range of 1-530 ng/mL.
Preparation and Storage	Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles. Ship: Ice Pack

IMAGES



Application Data

Immobilized Human LEPR at 5 ug/mL (100 uL/well) can bind Rat LEP (#AAA282594) with a linear range of 1-530 ng/mL.



SDS-PAGE

Active Recombinant Rat LEP Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 16.1 kDa.

ADDITIONAL INFORMATION

Related Product Information for LEP recombinant protein

Recombinant Rat LEP Protein is produced by *E coli* expression system. The target protein is expressed with sequence (Val22-Cys167) of rat LEP (Accession #NP_037208.1) fused with and a additional amino acid free.

Product Categories/Family for LEP recombinant protein

[Other Recombinant Protein](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981148
NCBI GeneID	25608
NCBI Accession #	NP_037208.1
NCBI GenBank Nucleotide #	NM_013076.3
UniProt Accession #	P50596
Molecular Weight	18,866 Da
NCBI Official Full Name	leptin
NCBI Official Synonym Full Names	leptin
NCBI Official Symbol	Lep
NCBI Official Synonym Symbols	OB; obese
NCBI Protein Information	leptin; obesity factor
UniProt Protein Name	Leptin
UniProt Gene Name	Lep
UniProt Synonym Gene Names	Ob
UniProt Entry Name	LEP_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/lep-recombinant-protein-e-coli/282594>