

Leptin (LEP) Active Protein | LEP active protein

Recombinant Human Leptin (LEP)

CATALOG #
AAA214276

HOST
E Coli

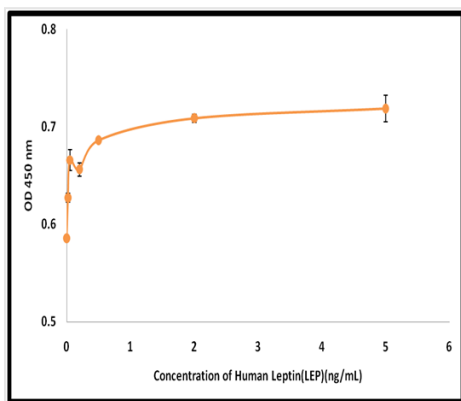
PRODUCT SYNONYMS

Leptin (LEP); Recombinant Human Leptin (LEP); OB; Obese protein; Obesity factor; LEP active protein

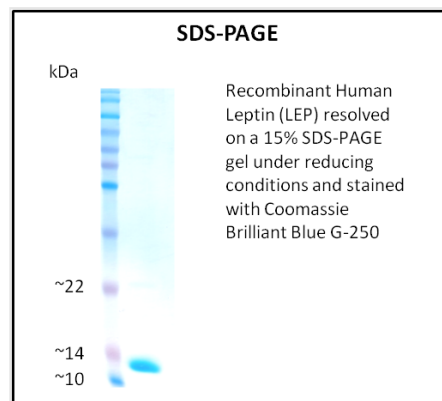
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered solution in Tris-HCl and NaCl.
Sequence Length	167
Bioactivity	The ED(50) was determined by the dose-dependent proliferation of human umbilical vein endothelial cells and was found to be <0.5ng/mL.
Endotoxin Level	<1.0 EU/ug of recombinant protein as determined by the LAL method
Reconstitution	Reconstitute at 1 mg/mL in sterile 20 mM Tris--HCl (pH 8.0).
Preparation and Storage	The lyophilized protein is stable for at least one year from date of receipt at -70 degree C. Upon reconstitution, this cytokine can be stored in working aliquots at 2-8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for LEP active protein

Leptin is a cytokine found in the adipose tissue of animals (Leptin mRNA is restricted to the adipose tissue). Leptin has been shown to suppress appetite, increase thermogenesis and reduce body weight, food consumption and plasma glucose levels.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557715
NCBI GeneID	3952
NCBI Accession #	NP_000221.1
NCBI GenBank Nucleotide #	NP_000221.1
UniProt Accession #	P41159
Molecular Weight	16.4 kDa
NCBI Official Full Name	leptin
NCBI Official Synonym Full Names	leptin
NCBI Official Symbol	LEP
NCBI Official Synonym Symbols	OB; OBS; LEPD
NCBI Protein Information	leptin
UniProt Protein Name	Leptin
UniProt Gene Name	LEP
UniProt Synonym Gene Names	OB; OBS
UniProt Entry Name	LEP_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/leptin-lep/214276>