Recombinant Feline LEP Protein, His tagged

Cat. No. LEP-09F **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Feline LEP Protein, Sourced from E.coli, Val22-Cys167, with N-terminal His Tag.
Species	Feline
Source	E.coli
ProteinLength	22-167 aa
Description	Leptin is a hormone mainly secreted from white adipose tissue. Leptin levels positively correlate to the amount of body fat and circulating levels reflect the amount of energy stored in fat. It acts in a negative feedback loop where rising leptin levels decrease appetite therefore leptin resistance has been noted in obese patients.
Form	Lyophilized from 1× PBS with Trehalose
Molecular Mass	18.4kDa
Purity	>95% by SDS-PAGE
Applications	ELISA and Western Blot Analysis
Storage	5 years at -20 to -80 centigrade as supplied. Upon reconstitution: 5 years at -80 centigrade; 2 years at -20 centigrade For long-term storage, store for up to 2 years at -20 centigrade and 5 years at -80 centigrade after reconstitution. Expiration is 2 years

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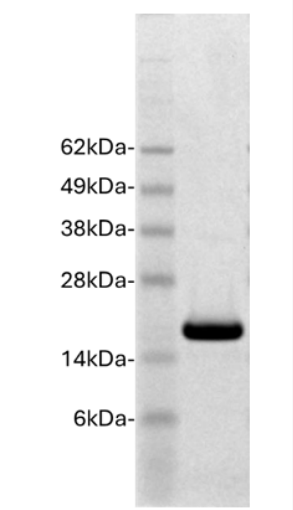
	from date of receipt.
Shipping	Ambient
Reconstitution	Reconstitute in 1 mL in sterile PBS containing at least 0.1% protein.

GENE INFORMATION

Gene Name	LEP leptin [Felis catus (domestic cat)]
Official Symbol	LEP
Synonyms	LEP; leptin; ob; leptin; obesity factor
Gene ID	493838
mRNA Refseq	NM_001009850
Protein Refseq	NP_001009850
UniProt ID	Q9N2C1

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SDS-PAGE



Feline Leptin (2μg) on a Coomassie stained 4-12% SDS-PAGE gel, reducing conditions.

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