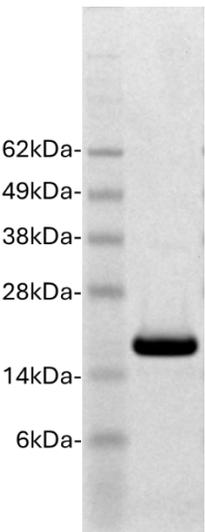


**Leptin** is a hormone mainly secreted from white adipose tissue. Leptin levels positively correlate to the amount of body fat and circulating levels reflect the amount of energy stored in fat. It acts in a negative feedback loop where rising leptin levels decrease appetite therefore leptin resistance has been noted in obese patients.

Description	
Source	E. coli expressed Val22-Cys167 with N-terminal His tag
UniProt	Q9N2C1
Purity	>95% by SDS-PAGE
Predicted Molecular Mass	18.4kDa
SDS-PAGE	18.4kDa
Formulation	Lyophilized from 1X PBS with Trehalose
Preparation and Storage	
Reconstitution	Reconstitute at 10 µg/mL in sterile PBS containing at least 0.1% protein
Shipping	Ambient
Storage	2 years at -80°C; 2 years at -20°C or 4°C Upon reconstitution: 2 years at -80°C; 2 years at -20°C
Expiration	2 years from date of receipt
	
Feline Leptin (2µg) on a Coomassie stained 4-12% SDS-PAGE gel, reducing conditions.	

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Ampersand Biosciences products may not be sequenced, reverse engineered, or investigated in any way to determine composition without the expressed written consent of Ampersand Biosciences.

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