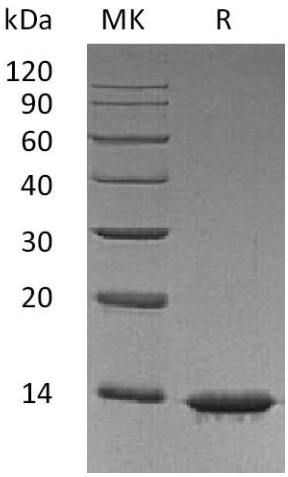
Recombinant Human Leptin

Catalog#:PEH1074

概述（Summary）

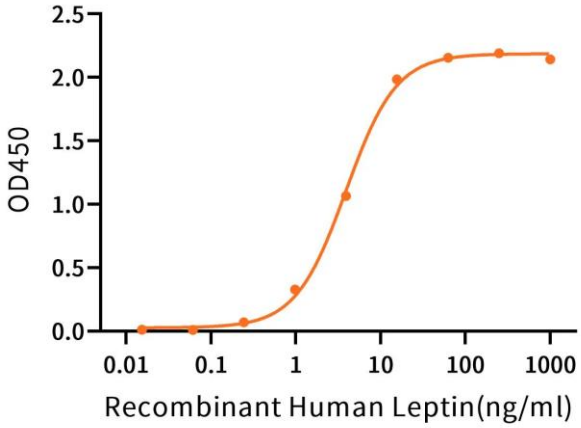
别称（Alternative Names）	Leptin; Obese Protein; Obesity Factor; LEP; OB; OBS
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	【Val22-Cys167】
Accession #	P41159
表达宿主（Host）	E. coli
种属（Species）	Human
预测分子量（Predicted MW）	16.1 kDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl,50mM NaCl,10%Trehalose,0.02%Tween 80,pH8.5.
运输方式（Shipping）	The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	12 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.Please minimize freeze-thaw cycles.
复溶（Reconstitution）	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图（SDS-PAGE image）

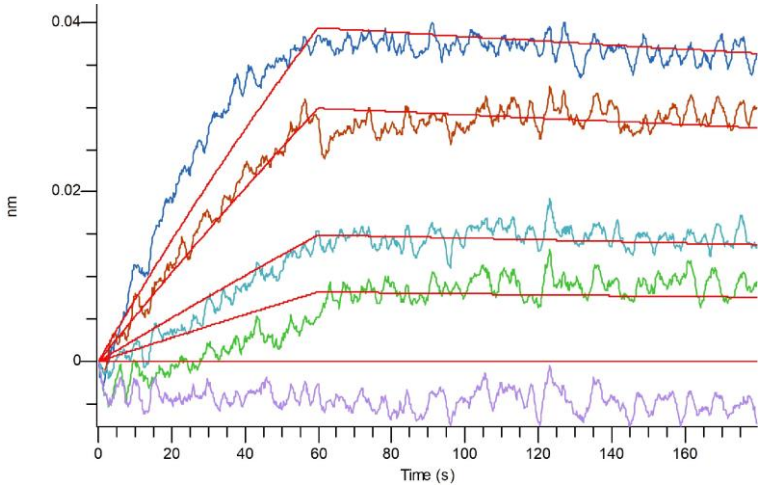


Greater than 95% as determined by reducing SDS-PAGE.

活性图（Bioactivity image）



Immobilized Recombinant Mouse LEPR (C-10His) at 2μg/ml (100 μl/well) can bind Recombinant Human Leptin*. *: Biotinylated by NHS-biotin prior to testing.The ED50 of Recombinant Human Leptin is 3.85 ng/ml(Regularly tested).



Loaded Human Leptin on HIS1K Biosensor, can bind Recombinant Human LEPR (C-10His) with an affinity constant of 1.83nM as determined in BLI assay. (Regularly tested)

注意事项（Note）

For Research Use Only , Not for Diagnostic Use.