www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

Leptin tA Human

Catalog #:CYPS-359

For research use only.

Description: Leptin Antagonist Triple Mutant Human Recombinant is a single non-glycosilated polypeptide chain containing 146 amino and additional Ala at N-terminus acids and having a molecular weight of 16 kDa, Leptin was mutated, resulting in L39A/D40A/F41A. Leptin Antagonist Triple Mutant Human Recombinant was purified by proprietary chromatographic techniques.

Source: Escherichia coli.

Physical Appearance: White lyophilized (freeze-dried) powder.

Amino Acid Sequence: The sequence of the first five N-terminal amino acids was determined and was found to be Ala-Val-Pro-Ile-Gln.

Purity: Greater than 98.0% as determined by:(a) Gel filtration analysis.(b) Analysis by SDS-PAGE.

Formulation:
The protein was lyophilized from a concentrated (1mg/ml) solution with 0.0045mM NaHCO3.

Stability:
Lyophilized Leptin Antagonist Triple Mutant Human Recombinant althoμgh stable at room temperature for several weeks, should be stored desiccated below -18°C. Upon reconstitution at > 0.1 mg/ml and up to 2 mM and filter sterilization Leptin mutant can be stored at 4°C or even room temperature for several weeks making it suitable for long term infusion studies using osmotic pumps. At lower concentration addition of a carrier protein (0.1% HSA or BSA) is sμggested. Please prevent freeze-thaw cycles.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

Solubility:
It is recommended to reconstitute the lyophilized Leptin Antagonist Triple Mutant Human Recombinant in sterile 0.4% NaHCO3adjusted to pH 8-9, not less than 100

Biological Activity:
NeoBiolabs Leptin triple antagonist is capable of inhibiting leptin-induced proliferation of BAF/3 cells stably transfected with the long form of human leptin receptor. It also inhibits various leptin effects in several in vitro bioassays.

To place an order, please Click HERE.

© 2015 NeoScientific

Copyrights @ 2013 NEO Group 245 First Street, 18th Floor, Cambridge MA 02142 888.754.5670 (toll-free)

Request a CATALOG CLICK HERE