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32-1569: Leptin qA Recombinant Protein

Description

Source : Escherichia coli.

Product Info

Amount :	50 µg
Purification :	Greater than 98.0% as determined by:(a) Gel filtration analysis.(b) Analysis by SDS-PAGE.
Content :	The protein was lyophilized from a concentrated (1mg/ml) solution with 0.0045mM NaHCO3.
Storage condition :	Lyophilized Leptin Antagonist Quadruple Mutant although stable at room temperature for several weeks, should be stored desiccated below -18°C. Upon reconstitution at > 0.1 Leptin mutant mg/ml and up to 2 mM and filter sterilization LEP 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 suggested. Please prevent freeze-thaw cycles.
Amino Acid :	The sequence of the first five N-terminal amino acids was determined and was found to be Ala-Val-Pro-Ile-Gln.

Application Note

It is recommended to reconstitute the lyophilized Leptin Antagonist Quadruple Mutant in sterile 0.4% NaHCO3adjusted to pH 8-9, not less than 100µg/ml, which can then be further diluted to other aqueous solutions. The Leptin Quadruple Antagonist Mutant is capable of inhibiting leptin-induced proliferation of BAF/3 cells stably transected with the long form of human Leptin receptor. It also inhibits various Leptin effects in several in vitro bioassays.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.