

32-1574: oLeptin tA Recombinant Protein

Description

Source : Escherichia coli.

Product Info

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| 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 (0.65mg/ml) solution with 0.003mM NaHCO ₃ . Lyophilized Leptin Antagonist Triple Mutant Ovine Recombinant although stable at room temperature for several weeks, should be stored desiccated below -18°C. Upon reconstitution at > 0.1 Lep-tA mutant 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 suggested. Please prevent freeze-thaw cycles. |
| Storage condition : | |
| Amino Acid : | The sequence of the first five N-terminal amino acids was determined and was found to be Ala-Val-Pro-Ile-Arg. |

Application Note

It is recommended to reconstitute the lyophilized Leptin-Antagonist Triple Mutant Ovine Recombinant in sterile water or sterile 0.4% NaHCO₃ adjusted to pH 8, not less than 100 µg/ml, which can then be further diluted to other aqueous solutions. The Leptin-Antagonist Triple Mutant Ovine Recombinant is capable of inhibiting leptin-induced proliferation of BAF/3 cells stably transfected with the long form of mouse leptin receptor. It also inhibits various leptin effects in several in vitro bioassays.

